



**Mar Sorribas Panero**

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Date of document: 07/01/2016

**v 1.4.0**

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## Summary of CV

Descripción breve de la trayectoria científica, los principales logros científico-técnicos obtenidos, los intereses y objetivos científico-técnicos a medio/largo plazo de la línea de investigación. Incluye también otros aspectos o peculiaridades importantes.

She started her Atmospheric Science PhD studies in 2002 in the Collaborate Framework between the Optic Atmospheric Group (University of Valladolid) and the Atmospheric Sounding Station El Arenosillo (National Institute for Aerospace Technology - INTA), thanks to a 'Rafael Calvo Rodés' Pre-doctoral Fellowship. In 2003 she got a Marie Curie training site from the EU to support three stays (six months in total) in the Institute for Tropospheric Research (TROPOS) in Leipzig (Germany). She obtained the PhD with a Mention of European Doctorate in 2008 (summa Cum Laude (10)), and the Prize of the Best PhD was awarded in 2009 by the Spanish Association of Aerosol Science and Technology (AECTA). From 2008 to May 2011 she had some contracts in the INTA which were supported by the MICINN, and she was the responsible of the Laboratory in-situ for air quality and climate research at El Arenosillo. During this period she also had a Post-Doctoral Fellowship (2 months) of the Max-Planck Institute for Chemistry (Mainz, Germany). From June 2011 to December 2014 she was in the Atmospheric Physics Group (GFAt) (University of Granada) thanks to a Project supported by the MICINN and a 'Juan de la Cierva' Post-Doctoral Fellowship. In 2014 she got a Fulbright Visiting Scholar Award from USA to support a stay (3 months) in the National Oceanic & Atmospheric Administration (NOAA) in Boulder, Colorado (USA). At present, she is working as interim substitute teacher in the Applied Physics Department of the University of Huelva. Her main research line is based on the atmospheric aerosol studies and its influence on the Earth energy balance. Among other activities performed along that period, it is mentioned; The experimental research with particle spectrometers (SMPS and APS), nephelometers, absorption photometers, piranometers, spectroradiometers and sun-photometers. Development of algorithms and procedures for the analysis of data bases. She has participated in numerous experimental campaigns in and out of Spain, highlighting those carried out during one month in the Arctic (2008) and in Galapagos Island (Ecuador) (2011). She has participated in 22 research projects, with 47 publications (including 37 in Science Citation Index, 6 book chapters and an edited book), with more than 122 contributions to national and international meetings and h-index of 13 (June 2015, from ISI Web of Science). All this highlights show the diverse national and international collaborations with research groups such as: Universities of Granada, Valladolid, Valencia, Extremadura, León, La Coruña, INTA, CIEMAT, AEMET, CSIC,..., and international research groups such as NOAA/ESRL (Boulder, USA), TROPOS (Leipzig, Germany), GSFC-NASA (USA), ALOMAR (Norway),... etc. She has been member of the organization committee of several national and international conferences and field campaigns. And she has headed a Computer Engineer Final project, 2 practicum in Physics and 1 DEA.



## General quality indicators of scientific research

Información sobre el número de sexenios de investigación y la fecha del último concedido, número de tesis doctorales dirigidas en los últimos 10 años, citas totales, promedio de citas/año durante los últimos 5 años (sin incluir el año actual), publicaciones totales en primer cuartil (Q1), Índice h. Incluye otros indicadores considerados de importancia.

Citas Totales = 537 (SCOPUS)  
Citas 2014 = 74 (SCOPUS)  
Citas 2013 = 69 (SCOPUS)  
Citas 2012 = 122 (SCOPUS)  
Citas 2011 = 81 (SCOPUS)  
Citas 2010 = 42 (SCOPUS)  
Publicaciones en Q1 = 28  
h-index= 13  
Scopus Author ID:8953514400  
ResearcherID:B-8059-2012  
ORCID: 0000-0003-2131-9021  
ResearchGate: Mar Sorribas



## Mar Sorribas Panero

Surname(s): **Sorribas Panero**  
Name: **Mar**  
DNI: **09803679k**  
Date of birth: **02/09/1975**  
Gender: **Female**  
Nationality: **Spain**  
Country of birth: **Spain**  
Aut. region/reg. of birth: **Community of Madrid**  
Contact province: **Huelva**  
City of birth: **Madrid**  
Contact address: **C/ Lucena del Puerto, nº14, 3º, Pta. 6**  
Postcode: **21002**  
Contact country: **Spain**  
Contact aut. region/reg.: **Andalusia**  
Contact city: **Huelva**  
Email: **marsorribas@gmail.com**  
Mobile phone: **(+34) 658600533**  
Personal web page: **[http://www.researchgate.net/profile/Mar\\_Sorribas/](http://www.researchgate.net/profile/Mar_Sorribas/)**

### Current professional situation

**Employing entity:** Universidad de Huelva      **Type of entity:** University  
**Department:** Física Aplicada, Facultad de Ciencias Experimentales  
**Professional category:** Profesor Sustituto Interino  
**Start date:** 01/10/2015  
**Type of contract:** Temporary employment contract      **Dedication regime:** Full time

### Previous positions and activities

	<b>Employing entity</b>	<b>Professional category</b>	<b>Start date</b>
<b>1</b>	Universidad de Granada	Contrato Post-Doctoral Juan de la Cierva	01/2012
<b>2</b>	Universidad de Granada	Personal Docente e Investigador	06/2011
<b>3</b>	Instituto Nacional de Técnica Aeroespacial	Contrato Laboral Temporal	06/2009
<b>4</b>	Instituto Nacional de Técnica Aeroespacial	Asistencia Técnica	02/2009
<b>5</b>	Max Plank, MPICH, Alemania	Beca Doctor	12/2008
<b>6</b>	Instituto Nacional de Técnica Aeroespacial	Contrato Laboral Temporal	12/2006
<b>7</b>	Instituto Nacional de Técnica Aeroespacial	Beca Pre-Doctoral	06/2002
<b>8</b>	Universidad de Valladolid	Beca	03/2002



- 1** **Employing entity:** Universidad de Granada **Type of entity:** University Department  
**Department:** Departamento de Física Aplicada / Instituto Interuniversitario del Sistema Tierra-Atmósfera (IISTA), Facultad de Ciencias  
**City employing entity:** Granada, Spain  
**Professional category:** Contrato Post-Doctoral Juan de la Cierva  
**Start-End date:** 01/2012 - 12/2014 **Duration:** 2 years  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 250106 - Atmospheric dynamics; 250108 - Atmospheric optics; 250207 - Regional climatology; 250902 - Air pollution; 250910 - Observation briefing (weather)
- 2** **Employing entity:** Universidad de Granada **Type of entity:** University  
**Professional category:** Personal Docente e Investigador  
**Start-End date:** 06/2011 - 12/2011 **Duration:** 7 months
- 3** **Employing entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Professional category:** Contrato Laboral Temporal  
**Start-End date:** 06/2009 - 05/2011 **Duration:** 2 years
- 4** **Employing entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Professional category:** Asistencia Técnica  
**Start-End date:** 02/2009 - 05/2009 **Duration:** 4 months
- 5** **Employing entity:** Max Plank, MPICH, Alemania  
**Professional category:** Beca Doctor  
**Start-End date:** 12/2008 - 01/2009 **Duration:** 2 months
- 6** **Employing entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Professional category:** Contrato Laboral Temporal  
**Start-End date:** 12/2006 - 11/2008 **Duration:** 2 years
- 7** **Employing entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Professional category:** Beca Pre-Doctoral  
**Start-End date:** 06/2002 - 09/2006 **Duration:** 4 years - 3 months
- 8** **Employing entity:** Universidad de Valladolid **Type of entity:** University  
**Professional category:** Beca  
**Start-End date:** 03/2002 - 04/2002 **Duration:** 1 month



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** DEA  
**Name of qualification:** Diploma de Estudios Avanzados  
**Degree awarding entity:** Universidad de Valladolid **Type of entity:** University  
**Date of qualification:** 09/2003
- 2 Name of qualification:** Licenciado en Física  
**Degree awarding entity:** Universidad de Valladolid  
**Date of qualification:** 09/2001

#### Doctorates

**Doctorate programme:** Programa Oficial de Doctorado en Física  
**Degree awarding entity:** Universidad de Valladolid **Type of entity:** University  
**City degree awarding entity:** Valladolid, Castile and León, Spain  
**Date of degree:** 09/05/2008  
**DEA awarding entity:** Universidad de Valladolid  
**Date DEA was awarded:** 22/10/2003  
**European doctorate:** Yes **Date of certificate:** 09/05/2008  
**Thesis title:** Medida y Caracterización del Aerosol Atmosférico en un Ambiente Rural y Costero del Suroeste de Europa. La Distribución Numérica de Tamaños en el Rango Sub-micrométrico  
**Thesis director:** Dra. Victoria E. Cachorro Revilla  
**Thesis co-director:** Benito A. de la Morena Carretero  
**Obtained qualification:** Sobresaliente 'cum laude: 10.0'

### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Jornadas sobre investigación y experimentación en sistemas aéreos pilotados de forma remota (RPAS)  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**End date:** 13/03/2014 **Duration in hours:** 19 hours
- 2 Training title:** Supervisor de Instalaciones Radiactivas  
**City awarding entity:** Madrid, Community of Madrid, Spain  
**Awarding entity:** Consejo de Seguridad Nuclear **Type of entity:** Organismo Público  
**End date:** 17/10/2011



- 3** **Type of training:** Course  
**Training title:** PROTECCION RADIOLOGICA  
**City awarding entity:** Quito, Ecuador  
**Awarding entity:** MINISTERIO DE ELECTRICIDAD Y ENERGÍAS RENOVABLES  
**End date:** 25/01/2010  
**Type of entity:** State agency  
**Duration in hours:** 16 hours
- 4** **Type of training:** Course  
**Training title:** AEROSOL TRAINING COURSE  
**City awarding entity:** HYYTIALA, Finland  
**Awarding entity:** EUSAAR / GLOBAL ATMOSPHERIC WATCH (GAW) / FINNISH METEOROLOGICAL INSTITUTE (FMI)  
**End date:** 16/05/2008  
**Duration in hours:** 40 hours
- 5** **Type of training:** Course  
**Training title:** MATLAB PARA CIENTIFICOS Y TECNICOS  
**City awarding entity:** Mazagón, Andalusia, Spain  
**Awarding entity:** Universidad de Córdoba  
**End date:** 01/06/2005  
**Type of entity:** University  
**Duration in hours:** 30 hours
- 6** **Type of training:** Course  
**Training title:** CALCULO DE INCERTIDUMBRES EN ENSAYOS DE LABORATORIO  
**City awarding entity:** Madrid, Community of Madrid, Spain  
**Awarding entity:** Instituto Nacional de Técnica Aeroespacial  
**End date:** 24/09/2004  
**Type of entity:** Public Research Body  
**Duration in hours:** 20 hours
- 7** **Type of training:** Course  
**Training title:** MANTENIMIENTO Y OPERATIVIDAD DEL ESPECTROFOTOMETRO BREWER  
**City awarding entity:** Mazagón, Andalusia, Spain  
**Awarding entity:** Instituto Nacional de Técnica Aeroespacial  
**End date:** 18/09/2003  
**Type of entity:** Public Research Body  
**Duration in hours:** 20 hours
- 8** **Type of training:** Course  
**Training title:** ENCUENTRO SOBRE FRONTERAS DE LAS CIENCIAS. TIEMPO DE FISICA  
**City awarding entity:** Salamanca, Castile and León, Spain  
**Awarding entity:** Fundación Duques de Soria  
**End date:** 29/02/2000  
**Type of entity:** Foundation  
**Duration in hours:** 15 hours
- 9** **Type of training:** Course  
**Training title:** INTRODUCCION A LA ECOLOGIA DEL PAISAJE  
**City awarding entity:** León, Castile and León, Spain  
**Awarding entity:** Universidad de León  
**End date:** 25/09/1999  
**Type of entity:** University  
**Duration in hours:** 50 hours
- 10** **Type of training:** Course  
**Training title:** CONTAMINACION AMBIENTAL POR METALES PESADOS: TECNICAS ANALITICAS PARA SU EVALUACION Y CONTROL  
**City awarding entity:** León, Castile and León, Spain  
**Awarding entity:** Universidad de León  
**Type of entity:** University



**End date:** 12/07/1999**Duration in hours:** 41 hours**11 Type of training:** Course**Training title:** TECNICAS EN AUDITORIA AMBIENTAL- SECTOR INDUSTRIA**City awarding entity:** León, Castile and León, Spain**Awarding entity:** Universidad de León**End date:** 26/09/1998**Type of entity:** University**Duration in hours:** 30 hours**12 Type of training:** Course**Training title:** EVALUACION DE IMPACTO AMBIENTAL**City awarding entity:** León, Castile and León, Spain**Awarding entity:** Universidad de León**End date:** 14/07/1998**Type of entity:** University**Duration in hours:** 42 hours**Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching****1 Title of course/seminar:** ESTRATEGIAS PARA AUTOEVALUAR LA DOCENCIA UNIVERSITARIA. UN ENFOQUE DESDE LA UTILIZACIÓN DE HERRAMIENTAS INFORMATIZADAS DE ANÁLISIS DE DATOS CUANTITATIVO Y CUALITATIVO**City organizing entity:** Granada, Andalusia, Spain**Organising entity:** Universidad de Granada**Type of entity:** University**Duration in hours:** 50 hours**Start-End date:** 04/11/2013 - 28/11/2013**2 Title of course/seminar:** Curso de Adaptación Pedagógica (CAP)**Goals of the course/seminar:** LA MEJORA EN LA CALIDAD DE LA ENSEÑANZA**Organising entity:** Universidad Complutense de Madrid **Type of entity:** University**Duration in hours:** 180 hours**Start-End date:** 01/10/2003 - 01/06/2004**Language skills**

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English		C1	C1	C1	C1

**Teaching experience****General teaching experience****1 Type of teaching:** Official teaching**Name of the course:** Física I**Type of programme:** Engineering**Type of subject:** Obligatory**University degree:** Grado en Ingeniería Energética**Course given:** Primero**Type of teaching:** In person theory



**Start date:** 01/10/2015**End date:** 2016**Hours/ECTS credits:** 5,22**Entity:** Universidad de Huelva**Faculty, institute or centre:** Escuela Politécnica Superior**Department:** Física Aplicada**City of entity:** Huelva,**End date:** 15/02/2016**Type of hours/ ECTS credits:** Credits**Type of entity:** University**2** **Type of teaching:** Official teaching**Name of the course:** Física I**Type of programme:** Technical engineering**Type of subject:** Obligatory**University degree:** Grado en Ingeniería Energética**Course given:** Primero**Start date:** 01/10/2015**End date:** 2016**Hours/ECTS credits:** 6**Entity:** Universidad de Huelva**Faculty, institute or centre:** Escuela Politécnica Superior**Department:** Física Aplicada**City of entity:** Huelva,**Type of teaching:** Laboratory work**End date:** 15/02/2016**Type of hours/ ECTS credits:** Credits**Type of entity:** University**3** **Type of teaching:** Official teaching**Name of the course:** Física**Type of programme:** Bachelor's degree**Type of subject:** Obligatory**University degree:** Grado en Química**Course given:** Primero**Start date:** 01/10/2015**End date:** 2016**Hours/ECTS credits:** 1,5**Entity:** Universidad de Huelva**Faculty, institute or centre:** Facultad de Ciencias Experimentales**Department:** Física Aplicada**City of entity:** Huelva,**Type of teaching:** Laboratory work**End date:** 15/02/2016**Type of hours/ ECTS credits:** Credits**Type of entity:** University**4** **Type of teaching:** Official teaching**Name of the course:** Física**Type of programme:** Bachelor's degree**Type of subject:** Core**University degree:** Graduado en Ciencias Ambientales**Course given:** 1º**Start date:** 2013**End date:** 2014**Hours/ECTS credits:** 80**Entity:** Universidad de Granada**Faculty, institute or centre:** Facultad de Ciencias**Department:** Departamento de Física Aplicada**City of entity:** Granada, Andalusia, Spain**Subject language:** Spanish**Type of teaching:** Teoría Presencial y Prácticas Laboratorio**Frequency of the activity:** 1**End date:** 2014**Type of hours/ ECTS credits:** Hours**Type of entity:** University



**5** **Type of teaching:** Official teaching  
**Name of the course:** Fundamentos Físicos Aplicados a las Estructuras  
**Type of programme:** Architecture **Type of teaching:** Laboratory work  
**Type of subject:** Core  
**University degree:** Grado en Arquitectura  
**Course given:** 1º **Frequency of the activity:** 2  
**Start date:** 2011 **End date:** 2013  
**End date:** 2013 **Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 30  
**Entity:** Universidad de Granada **Type of entity:** University  
**Faculty, institute or centre:** Escuela Universitaria de Arquitectura Técnica  
**Department:** Departamento de Física Aplicad  
**City of entity:** Granada, Andalusia, Spain  
**Subject language:** Spanish

**6** **Type of teaching:** Unofficial teaching  
**Name of the course:** La Radiación Solar: incidencia en la salud y el medioambiente  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**University degree:** Curso de Verano  
**Frequency of the activity:** 1  
**Start date:** 20/07/2009 **End date:** 24/07/2009  
**End date:** 2009 **Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 3  
**Entity:** Universidad Iberoamericana de La Rábida  
**City of entity:** Huelva, Andalusia, Spain

## Experience supervising doctoral thesis and/or final year projects

**1** **Project title:** METODOLOGIA DE EVALUACION DE LA DISTRIBUCION DE TAMAÑOS EN VOLUMEN DEL AEROSOL ATMOSFERICO CON UN SISTEMA DINAMICO SMPS-APS EN "EL ARENOSILLO" (HUELVA)  
**Type of project:** Work leading to an ASD  
**Co-director of thesis:** BENITO DE LA MORENA CARRETERO  
**Entity:** Universidad de Huelva **Type of entity:** University  
**City of entity:** Spain  
**Student:** MERCEDES FERNÁNDEZ LEÓN  
**Obtained qualification:** SOBRESALIENTE  
**Date of reading:** 2010

**2** **Project title:** DESARROLLO DE UNA INTERFAZ PARA MONITORIZACION Y CONTROL REMOTO DE INSTRUMENTAL DE MEDIDA DE AEROSOLES  
**Type of project:** End of course project  
**Co-director of thesis:** FRANCISCO BELLIDO  
**Entity:** Universidad de Córdoba **Type of entity:** University  
**City of entity:** Spain  
**Student:** JUAN LUIS SORIA TORRES  
**Obtained qualification:** MATRÍCULA DE HONOR  
**Date of reading:** 2009



**3** **Project title:** MONITORIZACIÓN DE DIVERSOS PARÁMETROS FÍSICOS DE LA CONTAMINACIÓN ATMOSFÉRICA: REVISIÓN BIBLIOGRÁFICA Y ACTUALIZACIÓN DE LA BASE DE DATOS DEL ESPECTRÓMETRO DE PARTICULAR SMPS

**Type of project:** DIRECCIÓN DE PRÁCTICAS

**Entity:** Universidad de Córdoba

**Type of entity:** University

**City of entity:** Spain

**Student:** DANIEL FERNÁNDEZ DE LOS REYES

**Date of reading:** 2009

**4** **Project title:** ESTUDIOS DE ENERGÍAS RENOVABLES Y MEDIO AMBIENTE ATMOSFÉRICO

**Type of project:** DIRECCIÓN DE PRÁCTICAS

**Co-director of thesis:** BENITO DE LA MORENA CARRETERO

**Entity:** Universidad de Córdoba

**Type of entity:** University

**City of entity:** Spain

**Student:** PALOMA DORADO AGUILAR

**Date of reading:** 2003

### Other activities/achievements not included above

**1** **Description of the activity:** Participación en el Tribunal de Defensa Pública de Tesis Doctoral, a cargo del Dr. Federico Enrique Monsalve Irusta. Tesis titulada "Asociación entre variables meteorológicas y contaminantes con la morbilidad y mortalidad diarias en Castilla La Mancha por enfermedades del aparato circulatorio, respiratorio y digestivo"

**Organising entity:** Universidad de León

**Type of entity:** University

**End date:** 16/12/2011

**2** **Description of the activity:** Participación en el Tribunal de Defensa Pública de Tesis Doctoral, a cargo de la Dra. Erika Leyva García. Tesis titulada "Clasificación objetiva del perfil vertical troposférico en el área sur-occidental del mediterráneo y su relación con la intrusión del polvo africano"

**Organising entity:** Universidad Miguel Hernández de Elche

**Type of entity:** University

**End date:** 15/12/2011

**3** **Description of the activity:** Participación en el Tribunal de Defensa Pública de Tesis Doctoral, a cargo de la Dra. Anna Raquel Esteve Martínez. Tesis titulada "Estudio del Aerosol Atmosférico por medidas de un Nefelómetro Integrado en Valencia"

**Organising entity:** Universitat de València

**Type of entity:** University

**End date:** 22/10/2010

**4** **Description of the activity:** Participación en el Tribunal de Defensa Pública de Tesis Doctoral, a cargo del Dr. Daniel Domínguez López. Tesis titulada "Caracterización y comportamiento del O3 y NOx en Andalucía Occidental"

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 30/10/2009

**5** **Description of the activity:** Participación en el Tribunal de Defensa del Trabajo de Investigación, a cargo del Sr. Miguel Ángel Hernández Ceballos. Trabajo titulado "Climatología de las masas de aire sobre el suroeste de la Península Ibérica (1997-2007)"

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 2009



## Scientific and technological experience

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Equipamiento para monitorización de aerosoles y gases superficiales orientado a la navegación aérea, clima y calidad del aire  
**Entity where project took place:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Name principal investigator (PI, Co-PI....):** Córdoba-Jabonero, Carmen  
**Nº of researchers:** 6  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Start-End date:** 01/01/2015 - 31/12/2015  
**Total amount:** 304.578,1
- 2** **Name of the project:** Aerosols, Clouds and Trace Gases Research Infrastructure Network (ACTRIS)  
**Type of project:** Research and development, including transfer **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Comisión Europea **Type of entity:** Organismo Público  
**Name principal investigator (PI, Co-PI....):** Dr. Gelsomina Pappalardo  
**Funding entity or bodies:** Comisión Europea **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** VII Programa Marco  
**Code according to the funding entity:** EU Infra-2010-1.1.16-262254  
**Start-End date:** 01/04/2011 - 31/03/2015  
**Total amount:** 7.800.000  
**Dedication regime:** Full time
- 3** **Name of the project:** Caracterización multi-instrumental del aerosol atmosférico en entornos urbano y rural-costero. Implicaciones sobre la salud y el clima. (TARTESOS).  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Granada **Type of entity:** University  
**City of entity:** Granada, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Lucas Alados-Arboledas.  
**Funding entity or bodies:** Consejería de Economía, Ciencia y Empresa de la Junta de Andalucía  
**Name of the programme:** Proyectos de Excelencia  
**Code according to the funding entity:** P10\_RNM-6299



**Start-End date:** 15/03/2011 - 14/03/2015

**Total amount:** 186.280

**Dedication regime:** Full time

**4 Name of the project:** Atmospheric Minor Species relevant to the Ozone Chemistry at both sides of the Subtropical jet (AMISOC)

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto Nacional de Técnica Aeroespacial

**Type of entity:** Public Research Body

**Name principal investigator (PI, Co-PI....):** Dr. Manuel Gil Ojeda

**Funding entity or bodies:**

Ministerio de Economía y Competitividad

**Name of the programme:** Programa de Investigación Fundamental no Orientada

**Code according to the funding entity:** CGL2011-24891/CLI

**Start-End date:** 01/01/2012 - 31/12/2014

**Dedication regime:** Part time

**5 Name of the project:** Perfil vertical de las propiedades microfísicas del aerosol atmosférico. Aplicación al estudio de la higroscopicidad

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Granada

**Type of entity:** University

**City of entity:** Granada, Andalusia, Spain

**Name principal investigator (PI, Co-PI....):** Dr. Lucas Alados-Arboledas

**Name of the programme:** Plan Nacional de I+D

**Code according to the funding entity:** CGL2010-18782

**Start-End date:** 01/01/2011 - 31/12/2013

**Dedication regime:** Part time

**6 Name of the project:** Red Española de DMAs Ambientales (REDMAAS) 2011

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas

**Type of entity:** Public Research Body

**City of entity:** Madrid, Community of Madrid, Spain

**Name principal investigator (PI, Co-PI....):** Dr. Francisco J. Gómez Moreno

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación. Investigación

**Type of entity:** Organismo Público

**City funding entity:** Madrid, Community of Madrid, Spain

**Name of the programme:** Acción Complementaria

**Code according to the funding entity:** CGL2010-11095-E

**Start-End date:** 01/01/2011 - 31/12/2011

**Total amount:** 20.000

**Dedication regime:** Full time



- 7** **Name of the project:** Estudio del Clima basado en redes de medida de aerosoles, radiación solar y ozono desde El Arenosillo (CLIMARENO)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Scientific coordinator  
**Entity where project took place:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City of entity:** Mazagón, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Benito A. de la Morena Carretero  
**Funding entity or bodies:** MINISTERIO DE EDUCACION Y CIENCIA  
**City funding entity:** Spain  
**Type of participation:** Co-ordinator  
**Name of the programme:** Plan Nacional de I+D+I (2004 – 2007)  
**Code according to the funding entity:** CGL2008-05939-C03-03/CLI  
**Start-End date:** 01/01/2008 - 31/12/2011  
**Dedication regime:** Full time
- 8** **Name of the project:** European Supersites for Atmospheric Aerosol Research (EUSAAR)  
**Type of project:** Research and development, including transfer **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Comisión Europea **Type of entity:** Organismo Público  
**Name principal investigator (PI, Co-PI....):** Dr. Paolo Laj  
**Funding entity or bodies:** Comisión Europea **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** VI Programa Marco  
**Code according to the funding entity:** RII3-CT-2006-02614  
**Start-End date:** 01/01/2008 - 31/12/2011  
**Dedication regime:** Full time
- 9** **Name of the project:** Constitución de la Red Española de DMAs Ambientales (REDMAAS).  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Francisco Javier Gómez Moreno  
**Funding entity or bodies:** Ministerio de Ciencia e Investigación (MICINN)  
**Name of the programme:** Acción Complementaria  
**Code according to the funding entity:** CGL2009-07128-E  
**Start-End date:** 01/01/2010 - 31/12/2010  
**Dedication regime:** Full time





- 10** **Name of the project:** Actividad del INTA en el Año Polar Internacional durante 2008 (INTA – IPY'08)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Scientific coordinator  
**Entity where project took place:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City of entity:** Mazagón, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Benito A. de la Morena.  
**Funding entity or bodies:** MINISTERIO DE EDUCACION Y CIENCIA  
**City funding entity:** Spain  
**Type of participation:** Others  
**Name of the programme:** Acción complementaria tipo H  
**Code according to the funding entity:** CGL2007-29842-E/ANT  
**Start-End date:** 01/01/2008 - 31/12/2008  
**Dedication regime:** Full time
- 11** **Name of the project:** Ayuda para la Operación de la Red ibérica de Medida Fotométrica de Aerosoles durante 2007 (AO-RIMA'07)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI....):** Dra. Victoria E. Cachorro Revilla.  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Ministerio  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Acción complementaria tipo H  
**Code according to the funding entity:** CGL2007-28787-E  
**Start-End date:** 01/01/2007 - 31/12/2007  
**Dedication regime:** Full time
- 12** **Name of the project:** Medida de Ozono Estratosférico, Aerosoles y Radiación UV en El Arenosillo. Análisis de Datos y Calibración de la Instrumentación (ARENO)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City of entity:** Mazagón, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Benito A. de la Morena Carretero  
**Funding entity or bodies:** MINISTERIO DE EDUCACION Y CIENCIA  
**City funding entity:** Spain  
**Name of the programme:** Plan Nacional de I+D+I (2004 – 2007)  
**Code according to the funding entity:** CGL2005-05693-C03-02/CLI  
**Start-End date:** 01/01/2005 - 31/12/2007  
**Dedication regime:** Full time





**13 Name of the project:** Evaluación climatológica, medioambiental y agronómica de la radiación solar y de los aerosoles atmosféricos (CLIMERAD) Programa de Apoyo a Proyectos de Investigación, Tipo C "Grupos de Excelencia".

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Valladolid

**Type of entity:** University

**City of entity:** Valladolid, Castile and León, Spain

**Name principal investigator (PI, Co-PI....):** Dra. Victoria E. Cachorro Revilla

**Funding entity or bodies:**

Junta de Castilla y León

**Type of entity:** Junta de Castilla y León

**City funding entity:** Valladolid, Castile and León, Spain

**Name of the programme:** Programa de Apoyo a Proyectos de Investigación, Tipo C "Grupos de Excelencia".

**Code according to the funding entity:** VA001C05

**Start-End date:** 01/01/2005 - 31/12/2005

**Dedication regime:** Full time

**14 Name of the project:** GOA Investigación de las Propiedades de Absorción de la Luz por Aerosoles Atmosféricos. Acción Integrada hispano-austriaca.

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Valladolid

**Type of entity:** University

**Name principal investigator (PI, Co-PI....):** Dra. Victoria E. Cachorro Revilla y Prof. Dr. Helmuth Horvath.

**Funding entity or bodies:**

Comisión Interministerial de Ciencia y Tecnología

**Type of entity:** Ministerio

**City funding entity:** Madrid, Community of Madrid, Spain

**Name of the programme:** Acción Integrada hispano-austriaca

**Code according to the funding entity:** HU2004-2007

**Start-End date:** 01/01/2005 - 31/12/2005

**Dedication regime:** Full time

**15 Name of the project:** Climatología y discriminación de los aerosoles mediante la caracterización de sus propiedades ópticas y el estudio de masas de aire en dos áreas representativas: marítima y continental (CLIMASOL)

**Type of project:** Basic research (including archaeological digs, etc)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Valladolid

**Type of entity:** University

**City of entity:** Valladolid, Castile and León, Spain

**Name principal investigator (PI, Co-PI....):** Dr. Ángel M. De Frutos Baraja.

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación. Investigación

**Type of entity:** Organismo Público

**City funding entity:** Madrid, Community of Madrid, Spain

**Code according to the funding entity:** REN2002-00966 / CLI

**Start-End date:** 01/01/2002 - 31/12/2005



**Dedication regime:** Full time

- 16 Name of the project:** "GOA: Apoyo a la Campaña Ártica 2003" (GOA-ACA'03) (Acción Especial)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI...):** Dra. Victoria E. Cachorro Revilla  
**Funding entity or bodies:**  
Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Acción Especial  
**Code according to the funding entity:** REN2002-12641-E CLI  
**Start-End date:** 01/01/2004 - 01/01/2005  
**Dedication regime:** Full time
- 17 Name of the project:** GOA Aerosol Arctic Campaign 2003 (GOA – AAC'03)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI...):** Dra. Victoria E. Cachorro Revilla.  
**Funding entity or bodies:**  
Comisión Europea **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Programa de capital humano y movilidad: grandes centros europeos  
**Start-End date:** 01/01/2003 - 31/12/2003  
**Dedication regime:** Full time
- 18 Name of the project:** Creación de instrumentación para la caracterización de los aerosoles atmosféricos (INSTRAER).  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI...):** Dr. Ángel M.de Frutos Baraja.  
**Funding entity or bodies:**  
Junta de Castilla y León **Type of entity:** Organismo Público  
**City funding entity:** Valladolid, Castile and León, Spain  
**Code according to the funding entity:** VA026/02  
**Start-End date:** 01/01/2002 - 31/12/2003  
**Dedication regime:** Full time

- 19** **Name of the project:** Desarrollo y operatividad de técnicas ópticas espectrorradiométricas para la caracterización fenomenológica de los cultivos (OPTECU)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI....):** Dra. Victoria E. Cachorro Revilla.  
**Funding entity or bodies:** Junta de Castilla y León **Type of entity:** Organismo Público  
**City funding entity:** Valladolid, Castile and León, Spain  
**Code according to the funding entity:** VA084/02  
**Start-End date:** 01/01/2002 - 31/12/2003  
**Dedication regime:** Full time
- 20** **Name of the project:** GOA: Apoyo a la campaña ártica 2002 (GOA-CAA'02)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Ángel M. De Frutos Baraja.  
**Funding entity or bodies:** Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Acción Especial  
**Code according to the funding entity:** REN2001-5024-E  
**Start-End date:** 01/06/2002 - 31/05/2003  
**Dedication regime:** Full time
- 21** **Name of the project:** Estudio de la influencia de los aerosoles y albedo del suelo en la radiación ultravioleta (UVA) y (UVB) e índice ultravioleta (UVI)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI....):** Dra. Victoria E. Cachorro Revilla.  
**Funding entity or bodies:** Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Acción Integrada con Francia  
**Code according to the funding entity:** HF2001-0069  
**Start-End date:** 01/01/2002 - 31/12/2002  
**Dedication regime:** Full time



- 22** **Name of the project:** GOA Aerosol Arctic Campaign 2002 (GOA – AAC'02)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Valladolid **Type of entity:** University  
**City of entity:** Valladolid, Castile and León, Spain  
**Name principal investigator (PI, Co-PI....):** Dr. Ángel M. De Frutos Baraja.  
**Funding entity or bodies:** Comisión Europea **Type of entity:** Organismo Público  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Name of the programme:** Programa de capital humano y movilidad: grandes centros europeos  
**Start-End date:** 01/01/2002 - 31/12/2002  
**Dedication regime:** Full time

### R&D non-competitive contracts, agreements or projects with public or private entities

- 1** **Name of the project:** Acquisition of an Aerodynamic Particle Sizer  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** Dr. Mar Sorribas  
**Funding entity or bodies:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City funding entity:** Torrejón de Ardoz, Community of Madrid, Spain  
**Total amount:** 40.000
- 2** **Name of the project:** Acquisition of an integrated nephelometer  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** D. Mar Sorribas  
**Funding entity or bodies:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City funding entity:** Torrejón de Ardoz, Community of Madrid, Spain  
**Total amount:** 72.000
- 3** **Name of the project:** Acquisition of an ultrafine particle counter (UCPC)  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** Dr. Mar Sorribas  
**Funding entity or bodies:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City funding entity:** Torrejón de Ardoz, Community of Madrid, Spain  
**Total amount:** 35.000
- 4** **Name of the project:** Improvement of the infrastructure of the Laboratory In-Situ for Air Quality and Climate Research (ISLA)  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** Dr. Mar Sorribas  
**Funding entity or bodies:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**City funding entity:** Torrejón de Ardoz, Community of Madrid, Spain



Total amount: 166.000

## Results

Technological results derived from specialized and transfer activities, not included in previous sections

**Description:** Desarrollo y puesta en marcha del Laboratorio de Calibración Radiométrica de la Estación de Sondeos Atmosféricos El Arenosillo.

**Name of the principal Investigator (PI):** Dr. Benito A. de la Morena Carretero

**Name of the Co-principal investigator (Co-PI):** Dr. José Manuel Vilaplana Guerrero

**Degree of contribution:** Researcher

**Collaborating entity or bodies:**

Instituto Nacional de Técnica Aeroespacial

**Type of entity:** Public Research Body

**City collaborating entity:** Torrejón de Ardoz, Community of Madrid, Spain

**Start date:** 10/06/2002

**Duration:** 3 years

## Scientific and technological activities

### Scientific production

**H index:** 13

**Date of application:** 08/11/2015

### Publications, scientific and technical documents

- 1** M. Sorribas; J.A. Ogren; F.J. Olmo; A. Quirantes; R. Fraile; M. Gil; B.A. de la Morena; L. Alados-Arboledas. Assessment of African desert dust episodes over the southwest Spain at sea level using in situ aerosol optical and microphysical properties. Tellus B. 67 - 27482, International Meteorological Institute, 2015. ISSN 1600-0889

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 8

**Corresponding author:** Yes

**Impact source:** SCOPUS

**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES

**Impact index in year of publication:** 2.147

**Journal in the top 25%:** No

**Position of publication:** 31

**No. of journals in the cat.:** 77

- 2** J.A. Adame; C. Córdoba-Jabonero; M. Sorribas; D. Toledo; M. Gil-Ojeda. Atmospheric boundary layer and ozone-aerosol interactions under dusty conditions during Saharan intrusions. ATMOSPHERIC ENVIRONMENT. 104, pp. 205 - 216. ELSEVIER, 2015. ISSN 1352-2310

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

**Total no. authors:** 5

**Corresponding author:** No

**Impact source:** ISI**Impact index in year of publication:** 3.281**Position of publication:** 15**Source of citations:** SCOPUS**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 77**Citations:** 1

- 3** Hernández-Ceballos, M. A.; Sorribas, M.; San Miguel, E.G.; Cinelli, G.; Adame, J.A.; Bolívar, J.P. Impact of sea-land breezes on 210Pb in southern Iberian Peninsula - Feability study on using submicron-sized aerosol particles to analyze 210Pb hourly patterns. Atmospheric Pollution Research. Turkish National Committee for Air Pollution Research and Control, 2015. ISSN 1309-1042

**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 6**Impact source:** SCOPUS**Impact index in year of publication:** 1.371**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** No

- 4** Gómez-Moreno, F.J.; Alonso, E.; Artíñano, B.; Juncal-Bello, V.; Iglesias-Samitier, S.; Piñeiro Iglesias, M.; López-Mahía, P.; Pérez, N.; Pey, J.; Ripoll, A.; Alastuey, A.; De la Morena, B.A.; García, M.I.; Rodríguez, S.; Sorribas, M.; Titos, G.; Lyamani, H.; Alados-Arboledas, L.; Latorre, E.; Tritscher, T.; Bischof, O.F. Intercomparisons of mobility size spectrometers and condensation particle counters in the frame of the Spanish atmospheric observational aerosol network. Aerosol Science and Technology. 49, pp. 777 - 785. American Association for Aerosol Research, 2015. ISSN 0278-6826

**Type of production:** Scientific paper**Position of signature:** 15**Total no. authors:** 21**Impact source:** SCOPUS**Impact index in year of publication:** 2.413**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 5** M. Sorribas; J.A. Adame; J.M. Vilaplana; F.J. Olmo; M. Gil; B.A. de la Morena; L. Alados-Arboledas. Long-term monitoring of new particle formation events at a rural-coastal background site: meteorological, gas phase and solar radiation influence. Science of the Total Environment. 511, pp. 723 - 737. Elsevier, 2015. Available on-line at: <10.1016/j.scitotenv.2014.12.011>. ISSN 0048-9697

**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.163**Position of publication:** 40**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 216**Citations:** 1

- 6** Sorribas M.; Gómez-Martín J.C.; Hay T.; Mahajan A.S.; Agama Reyes M.V.; Paredes Mora F.; Gil-Ojeda M.; Saiz-Lopez A. On the concentration and size distribution of sub-micron aerosol in the Galapagos Islands. Atmospheric Environment. Elsevier, 2015.

**Type of production:** Scientific paper**Position of signature:** 1



**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.28115**Position of publication:** 15**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 281

- 7** Sorribas M.; Olmo F.J.; Quirantes A.; Lyamani H.; Gil-Ojeda M.; Alados-Arboledas L. Role of the spheroids particles on the closure studies for microphysical-optical properties. Quarterly Journal of the Royal Meteorological Society. DOI:10.1002/qj.2557, Wiley, 2015. ISSN 1477-870X

**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 6**Impact source:** SCOPUS**Impact index in year of publication:** 3.252**Position of publication:** 16**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 77**Citations:** 1

- 8** D. Mateos; M. Antón; C. Toledano; V.E. Cachorro; L. Alados-Arboledas; M. Sorribas; M.J. Costa; J.M. Baldasano. Aerosol radiative effects in the ultraviolet, visible, and near-infrared spectral ranges using long-term aerosol data series over the Iberian Peninsula. Atmospheric Chemistry and Physics. 14, pp. 13497 - 13514. Copernicus Publications, 2014. ISSN 1680-7316

**Type of production:** Scientific paper**Position of signature:** 6**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 5.298**Position of publication:** 3**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 76**Citations:** 3

- 9** J.A. Adame; M. Martínez; M. Sorribas; P.J. Hidalgo; H. Harder; J.-M. Diesch; F. Drewnich; W. Song; J. Williams; V. Sinha; M. A. Hernández-Ceballos; J. Vilã-Guerau de Arellano; R. Sander; z. Hosaynali-Beygi; H. Fischer; J. Lelieveld; B. de la Morena. Meteorology during the DOMINO campaign and its connection with trace gases and aerosols. ATMOSPHERIC CHEMISTRY AND PHYSICS. 14, pp. 2325 - 2342. Copernicus Publications, 2014. ISSN 1680-7316

**Type of production:** Scientific paper**Position of signature:** 3**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 5.298**Position of publication:** 3**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 76**Citations:** 3





- 10** G. Titos; H. Lyamani; A. Cazorla; M. Sorribas; I. Foyo-Moreno; Z.J. Wu; A. Wiedensohler; L. Alados\_Arboledas. Study of the relative humidity dependence of aerosol light-scattering in southern Spain. *Tellus B.* 66 - 24536, pp. <http://dx.doi.org/10.3402/tellusb.v66.24536>. International Meteorological Institute, 2014. ISSN 0280-6509
- Type of production:** Scientific paper  
**Position of signature:** 4
- Impact source:** ISI  
**Impact index in year of publication:** 3.760  
**Position of publication:** 13
- Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Meteorology & Atmospheric Sciences  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 76  
**Citations:** 5
- 11** J.A. Adame; M.A. Hernández-Ceballos; M. Sorribas; A. Lozano; B.A. de la Morena. Weekend-weekdays effect assessment for O<sub>3</sub>, NO<sub>x</sub>, CO and PM<sub>10</sub> in the South Western Europe. *Aerosol and Air Quality Research.* 14, pp. 1862 - 1874. Taiwan Association for Aerosol Research, 2014. ISSN 1680-8584
- Type of production:** Scientific paper  
**Position of signature:** 3
- Corresponding author:** No  
**Impact source:** ISI
- Impact index in year of publication:** 2.664  
**Position of publication:** 65
- Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - ENVIRONMENTAL SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 216  
**Citations:** 2
- 12** Juan C. Gomez Martin; Anoop S. Mahajan; Timothy D. Hay; Cristina Prados-Roman; Carlos Ordonez; Samantha M. MacDonald; John M. C. Plane; Mar Sorribas; Manuel Gil; J. Francisco Paredes Mora; Mario V. Agama Reyes; David E. Oram; Emma Leedham; Alfonso Saiz-Lopez. Iodine chemistry in the eastern Pacific marine boundary layer. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES.* 118 - 2, pp. 887 - 904. (United States of America): AMERICAN GEOPHYSICAL UNION, 2013. ISSN 2169-897X
- Type of production:** Scientific paper  
**Position of signature:** 8
- Corresponding author:** No  
**Impact source:** ISI
- Impact index in year of publication:** 3.303  
**Position of publication:** 15
- Source of citations:** WOS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 166  
**Citations:** 13
- 13** M. Anton; M. Sorribas; Y. Bennouna; J. M. Vilaplana; V. E. Cachorro; J. Groebner; L. Alados-Arboledas. Effects of an extreme desert dust event on the spectral ultraviolet irradiance at El Arenosillo (Spain). *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES.* 117, pp. D03205 - D03205+9. American Geophysical Union, 2012. ISSN 2169-897X
- Type of production:** Scientific paper  
**Position of signature:** 2
- Corresponding author:** No  
**Impact source:** ISI
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY



**Impact index in year of publication:** 3.174  
**Position of publication:** 27

**Source of citations:** SCOPUS

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 170

**Citations:** 8

- 14** Victor Estelles; Jose A. Martinez-Lozano; Jorge Pey; Michael Sicard; Xavier Querol; Anna R. Esteve; Maria P. Utrillas; Mar Sorribas; Gotzon Gangoiti; Andres Alastuey; Francesc Rocadenbosch. Study of the correlation between columnar aerosol burden, suspended matter at ground and chemical components in a background European environment. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 117, pp. D04201 - D04201+13. (United States of America): AMERICAN GEOPHYSICAL UNION, 2012. ISSN 2169-897X

**Type of production:** Scientific paper

**Position of signature:** 8

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

**Impact source:** ISI

**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

**Impact index in year of publication:** 3,174

**Position of publication:** 23

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 170

**Source of citations:** SCOPUS

**Citations:** 6

- 15** LÓPEZ, J.F.; CACHORRO, V.E.; SORRIBAS, M.; DE LA MORENA, B.A.; De Frutos, A.M. Analysis of aerosol scattering coefficient measurements between 2006 and 2008 at El Arenosillo Station. ÓPTICA PURA Y APLICADA. 44 - 4, pp. 683 - 687. (Spain): SOCIEDAD ESPAÑOLA DE OPTICA (SEDO), 2011. ISSN 0030-3917

**Type of production:** Scientific paper

**Position of signature:** 3

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 5

**Source of citations:** SCOPUS

**Corresponding author:** No

**Citations:** 2

- 16** A. S. Mahajan; M. Sorribas; J. C. Gomez Martin; S. M. MacDonald; M. Gil; J. M. C. Plane; A. Saiz-Lopez. Concurrent observations of atomic iodine, molecular iodine and ultrafine particles in a coastal environment. ATMOSPHERIC CHEMISTRY AND PHYSICS. 11 - 6, pp. 2545 - 2555. (Germany): COPERNICUS PUBLICATIONS, 2011. ISSN 1680-7316

**Type of production:** Scientific paper

**Position of signature:** 2

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

**Impact source:** ISI

**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES

**Impact index in year of publication:** 5.520

**Position of publication:** 2

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 71

**Source of citations:** SCOPUS

**Citations:** 10

- 17** M. Sorribas; B. A. de la Morena; B. Wehner; J. F. Lopez; N. Prats; S. Mogo; A. Wiedensohler; V. E. Cachorro. On the sub-micron aerosol size distribution in a coastal-rural site at El Arenosillo Station (SW - Spain). ATMOSPHERIC CHEMISTRY AND PHYSICS. 11 - 21, pp. 11185 - 11206. (Germany): COPERNICUS PUBLICATIONS, 2011. ISSN 1680-7316

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** Yes**Impact source:** ISI**Impact index in year of publication:** 5.520**Position of publication:** 2**Source of citations:** SCOPUS**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 71**Citations:** 10

- 18** R. L. Lozano; M. A. Hernandez-Ceballos; J. A. Adame; M. Casas-Ruiz; M. Sorribas; E. G. San Miguel; J. P. Bolivar. Radioactive impact of Fukushima accident on the Iberian Peninsula: Evolution and plume previous pathway. ENVIRONMENT INTERNATIONAL. 37 - 7, pp. 1259 - 1264. (Germany): ELSEVIER, 2011. ISSN 0160-4120

**Type of production:** Scientific paper**Position of signature:** 5**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 5.297**Position of publication:** 7**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 205**Citations:** 58

- 19** C. Cordoba-Jabonero; M. Sorribas; J. L. Guerrero-Rascado; J. A. Adame; Y. Hernandez; H. Lyamani; V. Cachorro; M. Gil; L. Alados-Arboledas; E. Cuevas; B. de la Morena. Synergetic monitoring of Saharan dust plumes and potential impact on surface: a case study of dust transport from Canary Islands to Iberian Peninsula. ATMOSPHERIC CHEMISTRY AND PHYSICS. 11 - 7, pp. 3067 - 3091. (Germany): COPERNICUS PUBLICATIONS, 2011. ISSN 1680-7316

**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 5.520**Position of publication:** 2**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 71**Citations:** 23

- 20** Mogo, S.; Cachorro, V.E.; De Frutos, A.M.; De la Rosa, J.; Sorribas, M. Comparing surface measurements of black carbon and columnar AERONET inferred contents during 'El Arenosillo 2004 summer campaign'. OPTICA PURA Y APLICADA. 43, pp. 49 - 55. (Spain): SOCIEDAD ESPAÑOLA DE OPTICA (SEDO), 2010. ISSN 0030-3917

**Type of production:** Scientific paper**Position of signature:** 5**Corresponding author:** No**Impact source:** EVALUACION EXTERNA POR PARES DE LOS ARTICULOS ENVIADOS: SI**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Citations:** 2

- 21** C. Toledano; V. E. Cachorro; A. M. de Frutos; B. Torres; A. Berjon; M. Sorribas; R. S. Stone. Airmass Classification and Analysis of Aerosol Types at El Arenosillo (Spain). JOURNAL OF APPLIED METEOROLOGY AND CLIMATOLOGY. 48 - 5, pp. 962 - 981. (United States of America): AMERICAN METEOROLOGICAL SOCIETY, 2009. ISSN 1558-8424
- Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 1.894  
**Position of publication:** 24  
**Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes  
**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63  
**Citations:** 40
- 22** V. E. Cachorro; A. Berjon; C. Toledano; S. Mogo; N. Prats; A. M. de Frutos; J. M. Vilaplana; M. Sorribas; B. A. De La Morena; J. Groebner; N. Laulainen. Detailed Aerosol Optical Depth Intercomparison between Brewer and Li-Cor 1800 Spectroradiometers and a Cimel Sun Photometer. JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY. 26 - 8, pp. 1558 - 1571. (United States of America): AMERICAN METEOROLOGICAL SOCIETY, 2009. ISSN 0739-0572
- Type of production:** Scientific paper  
**Position of signature:** 8  
**Corresponding author:** No  
**Impact source:** ISI  
**Impact index in year of publication:** 1.588  
**Position of publication:** 35  
**Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 63  
**Citations:** 4
- 23** L. Alados-Arboledas; A. Alcantara; F. J. Olmo; J. A. Martinez-Lozano; V. Estelles; V. Cachorro; A. M. Silva; H. Horvath; M. Gangl; A. Diaz; M. Pujadas; J. Lorente; A. Labajo; M. Sorribas; G. Pavese. Aerosol columnar properties retrieved from CIMEL radiometers during VELETA 2002. ATMOSPHERIC ENVIRONMENT. 42 - 11, pp. 2654 - 2667. PERGAMON-ELSEVIER SCIENCE LTD, 2008. ISSN 1352-2310
- Type of production:** Scientific paper  
**Position of signature:** 14  
**Total no. authors:** 15  
**Impact source:** ISI  
**Impact index in year of publication:** 2.890  
**Position of publication:** 10  
**Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** No  
**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 52  
**Citations:** 31
- 24** Y. Sola; J. Lorente; E. Campmany; X. de Cabo; J. Bech; A. Redano; J. A. Martinez-Lozano; M. P. Utrillas; L. Alados-Arboledas; F. J. Olmo; J. P. Diaz; F. J. Exposito; V. Cachorro; M. Sorribas; A. Labajo; J. M. Vilaplana; A. M. Silva; J. Badosa. Altitude effect in UV radiation during the Evaluation of the Effects of Elevation and Aerosols on the Ultraviolet Radiation 2002 (VELETA-2002) field campaign. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 113, pp. 1 - 11. AMERICAN GEOPHYSICAL UNION, 2008. ISSN 2169-897X
- Type of production:** Scientific paper  
**Position of signature:** 14  
**Format:** Journal

**Impact source:** ISI**Impact index in year of publication:** 3.147**Position of publication:** 11**Source of citations:** WOS**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 144**Citations:** 8

- 25** V. E. Cachorro; C. Toledano; A. Berjon; A. M. de Frutos; B. Torres; M. Sorribas; N. S. Laulainen. An 'in situ' calibration correction procedure (KCICLO) based on AOD diurnal cycle: Application to AERONET - El Arenosillo (Spain) AOD data series. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 113 - D12, pp. D12205 - D12205+15. (United States of America): AMERICAN GEOPHYSICAL UNION, 2008. ISSN 2169-897X

**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 3.147**Position of publication:** 11**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 144**Citations:** 7

- 26** V. E. Cachorro; C. Toledano; M. Sorribas; A. Berjon; A. M. de Frutos; N. Laulainen. An 'in situ' calibration-correction procedure (KCICLO) based on AOD diurnal cycle: Comparative results between AERONET and reprocessed (KCICLO method) AOD-alpha data series at El Arenosillo, Spain. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 113 - D2, pp. D02207 - D02207+11. (United States of America): AMERICAN GEOPHYSICAL UNION, 2008. ISSN 2169-897X

**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.147**Position of publication:** 11**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 144**Citations:** 18

- 27** J. Pey; X. Querol; J. de la Rosa; Y. Gonzalez-Castanedo; A. Alastuey; G. Gangoiti; A. Sanchez de la Campa; L. Alados-Arboledas; M. Sorribas; C. Pio; V. Cachorro; M. Pineiro; P. Lopez-Mahia; D. Garcia-Gacio. Characterization of a long range transport pollution episode affecting PM in SW Spain. JOURNAL OF ENVIRONMENTAL MONITORING. 10 - 10, pp. 1158 - 1171. ROYAL SOCIETY OF CHEMISTRY, 2008. ISSN 1464-0325

**Type of production:** Scientific paper**Position of signature:** 9**Total no. authors:** 14**Impact source:** ISI**Impact index in year of publication:** 1.989**Position of publication:** 55**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 163



**Source of citations:** SCOPUS**Citations:** 11

- 28** N. Prats; V. E. Cachorro; M. Sorribas; S. Mogo; A. Berjon; C. Toledano; A. M. de Frutos; J. de la Rosa; N. Laulainen; B. A. de la Morena. Columnar aerosol optical properties during 'El Arenosillo 2004 summer campaign'. ATMOSPHERIC ENVIRONMENT. 42 - 11, pp. 2643 - 2653. PERGAMON-ELSEVIER SCIENCE LTD, 2008. ISSN 1352-2310

**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 2.890**Position of publication:** 10**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 52**Citations:** 19

- 29** V. E. Cachorro; C. Toledano; A. Berjon; A. M. de Frutos; M. Sorribas. Comment on 'On Langley plots in the presence of a systematic diurnal aerosol cycle centered at noon: A comment on recently proposed methodologies' by F. Marengo. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 113 - D11, pp. D11210 - D11210+3. (United States of America): AMERICAN GEOPHYSICAL UNION, 2008. ISSN 2169-897X

**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 3.147**Position of publication:** 11**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 144**Citations:** 1

- 30** V. E. Cachorro; C. Toledano; N. Prats; M. Sorribas; S. Mogo; A. Berjon; B. Torres; R. Rodrigo; J. de la Rosa; A. M. De Frutos. The strongest desert dust intrusion mixed with smoke over the Iberian Peninsula registered with Sun photometry. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 113 - D14, pp. D14S04 - D14S04+19. (United States of America): AMERICAN GEOPHYSICAL UNION, 2008. ISSN 2169-897X

**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 3.147**Position of publication:** 11**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 144**Citations:** 38

- 31** C. Toledano; V. E. Cachorro; A. Berjon; A. M. de Frutos; M. Sorribas; B. A. de la Morena; P. Goloub. Aerosol optical depth and Angstrom exponent climatology at El Arenosillo AERONET site (Huelva, Spain). QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY. 133 - 624, A, pp. 795 - 807. (United Kingdom): WILEY INTERSCIENCE, 2007. ISSN 0035-9009

**Type of production:** Scientific paper**Format:** Journal



**Position of signature:** 5

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 2.893

**Position of publication:** 6

**Source of citations:** SCOPUS

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 51

**Citations:** 66

- 32** A. M. Diaz; O. E. Garcia; J. P. Diaz; F. J. Exposito; M. P. Utrillas; J. A. Martinez-Lozano; L. Alados-Arboledas; F. J. Olmo; J. Lorente; V. Cachorro; H. Horvath; A. Labajo; M. Sorribas; J. M. Vilaplana; A. M. Silva; T. Elias; M. Pujadas; J. A. Rodrigues; J. A. Gonzalez. Aerosol radiative forcing efficiency in the UV region over southeastern Mediterranean: VELETA2002 campaign. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 112 - D6, pp. D06213 - D06213+13. (United States of America): AMERICAN GEOPHYSICAL UNION, 2007. ISSN 2169-897X

**Type of production:** Scientific paper

**Position of signature:** 13

**Total no. authors:** 19

**Impact source:** ISI

**Impact index in year of publication:** 2.953

**Position of publication:** 12

**Source of citations:** WOS

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 137

**Citations:** 12

- 33** C. Toledano; V. E. Cachorro; A. M. de Frutos; M. Sorribas; N. Prats; B. A. de la Morena. Inventory of African desert dust events over the southwestern Iberian Peninsula in 2000-2005 with an AERONET Cimel Sun photometer. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 112 - D21, pp. D21201 - D21201+14. (United States of America): AMERICAN GEOPHYSICAL UNION, 2007. ISSN 2169-897X

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 2.953

**Position of publication:** 12

**Source of citations:** SCOPUS

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 137

**Citations:** 48

- 34** Carlos Toledano; Victoria Cachorro; Alberto Berjon; Mar Sorribas; Ricardo Vergaz; Angel De Frutos; Manuel Anton; Michael Gausa. Aerosol optical depth at ALOMAR observatory (Andoya, Norway) in summer 2002 and 2003. TELLUS SERIES B-CHEMICAL AND PHYSICAL METEOROLOGY. 58 - 3, pp. 218 - 228. (Sweden): BLACKWELL PUBLISHING, 2006. ISSN 0280-6509

**Type of production:** Scientific paper

**Position of signature:** 4

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 2.543

**Format:** Journal

**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Corresponding author:** No

**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES

**Journal in the top 25%:** Yes



**Position of publication:** 10**No. of journals in the cat.:** 48**Source of citations:** SCOPUS**Citations:** 18

- 35** V. Estelles; M. P. Utrillas; J. A. Martinez-Lozano; A. Alcantara; L. Alados-Arboledas; F. J. Olmo; J. Lorente; X. de Cabo; V. Cachorro; H. Horvath; A. Labajo; M. Sorribas; J. P. Diaz; A. M. Diaz; A. M. Silva; T. Elias; M. Pujadas; J. A. Rodrigues; J. Canada; Y. Garcia. Intercomparison of spectroradiometers and Sun photometers for the determination of the aerosol optical depth during the VELETA-2002 field campaign. JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES. 111 - D17, pp. D17207 - D17207+15. (United States of America): AMERICAN GEOPHYSICAL UNION, 2006. ISSN 2169-897X

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 20**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY**Impact index in year of publication:** 2.800**Journal in the top 25%:** Yes**Position of publication:** 9**No. of journals in the cat.:** 131**Source of citations:** WOS**Citations:** 25

- 36** JM Vilaplana; VE Cachorro; M Sorribas; E Luccini; AM de Frutos; A Berjon; B de la Morena. Modified calibration procedures for a Yankee Environmental System UVB-1 biometer based on spectral measurements with a brewer spectrophotometer. PHOTOCHEMISTRY AND PHOTOBIOLOGY. 82 - 2, pp. 508 - 514. (United States of America): AMER SOC PHOTOBIOLOGY, 2006. ISSN 0031-8655

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 2.061**Journal in the top 25%:** No**Position of publication:** 225**No. of journals in the cat.:** 262**Source of citations:** SCOPUS**Citations:** 37

- 37** A de La Casiniere; V Cachorro; I Smolskaia; J Lenoble; M Sorribas; M Houet; O Massot; M Anton; JM Vilaplana. Comparative measurements of total ozone amount and aerosol optical depth during a campaign at El Arenosillo, Huelva, Spain. ANNALES GEOPHYSICAE. 23 - 11, pp. 3399 - 3406. (Germany): EUROPEAN GEOSCIENCES UNION, 2005. ISSN 0992-7689

**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES**Impact index in year of publication:** 1.450**Journal in the top 25%:** No**Position of publication:** 21**No. of journals in the cat.:** 47**Source of citations:** WOS**Citations:** 7



- 38** S Mogo; VE Cachorro; M Sorribas; A de Frutos; R Fernandez. Measurements of continuous spectra of atmospheric absorption coefficients from UV to NIR via optical method. GEOPHYSICAL RESEARCH LETTERS. 32 - 13, pp. L13811 - L13811+5. (United States of America): AMERICAN GEOPHYSICAL UNION, 2005. ISSN 0094-8276
- Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 2.491  
**Position of publication:** 9  
**Source of citations:** SCOPUS
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** No  
**Category:** Science Edition - GEOSCIENCES, MULTIDISCIPLINARY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 129  
**Citations:** 11
- 39** Toledano, C.; Cachorro, V.E.; Vergaz, R.; De Frutos, A.; Sorribas, M.; Vilaplana, J.M.; De la Morena, B.A. Análisis y corrección del falso ciclo diurno del espesor óptico de aerosoles: el método KCICLO. ÓPTICA PURA Y APLICADA. 37, pp. 49 - 60. (Spain): SOCIEDAD ESPAÑOLA DE ÓPTICA (SEDO), 2004. ISSN 0030-3917
- Type of production:** Scientific paper  
**Position of signature:** 5  
**Total no. authors:** 7  
**Source of citations:** GOOGLE SCHOLAR
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** No  
**Citations:** 2
- 40** Cachorro, V.E.; Toledano, C.; Vergaz, R.; De Frutos, A.; Sorribas, M.; Vilaplana, J.M.; De la Morena, B.A. THE PHOTONS-AERONET SITES IN SPAIN. CALIBRATION PROBLEMS AND KCICLO CORRECTION METHOD. ÓPTICA PURA Y APLICADA. 37, pp. 3401 - 3406. (Spain): SOCIEDAD ESPAÑOLA DE ÓPTICA (SEDO), 2004. ISSN 0030-3917
- Type of production:** Scientific paper  
**Position of signature:** 5  
**Source of citations:** GOOGLE SCHOLAR
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Citations:** 6
- 41** Mogo S.; Cachorro V.E.; Sorribas M.; De Frutos A.M. Optical and chemical properties of atmospheric PM fractions related with air masses in the central Iberian Peninsula. Óptica Pura y Aplicada. 39 - 4, pp. 331 - 340. Sociedad Española de Óptica (SEDO), ISSN 0030-3917
- Type of production:** Scientific paper  
**Position of signature:** 3
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 42** M. Sorribas; A. Mahajan; J.C. Gómez-Martín; S.M. MacDonald; B.A. de la Morena; M. Gil; J.M.C. Plane; A. Saiz-López. Coastal nucleation events: relation to atomic and molecular iodine concentration. Extended Proceedings of V Reunión Española de Ciencia y Tecnología del Aerosol. 1, pp. L1-1 - L1-6. 2011. ISBN 978-84-7834-662-2
- Type of production:** Book chapter  
**Position of signature:** 1  
**Total no. authors:** 8
- Format:** Book  
**Degree of contribution:** Author or co-author of chapter in book  
**Corresponding author:** Yes



- 43** M. Sorribas; J.A. Adame; M. Fernández-León; J.F. López; M.A. Hernández-Ceballos; M. Martínez; B.A. de la Morena. Aerosol and trace gas measurements at INTA facilities performed at El Arenosillo Station during the DOMINO campaign. Extended proceedings of the IV Reunión Española de Ciencia y Tecnología del Aerosol. 1, pp. G6-1 - G6-6. 2010. ISBN 978-84-693-4839-0  
**Type of production:** Book chapter  
**Position of signature:** 1  
**Total no. authors:** 7  
**Format:** Book  
**Degree of contribution:** Author or co-author of chapter in book  
**Corresponding author:** Yes
- 44** Sorribas, M.; Adame, J.A. CAPÍTULO I - LA RADIACION SOLAR Y LA ATMOSFERA. LA RADIACION SOLAR: EFECTOS EN LA SALUD Y EL MEDIOAMBIENTE. 1, pp. 19 - 40. (Spain): UNIVERSIDAD INTERNACIONAL DE ANDALUCIA, 2010. ISBN 978-84-7993-201-5  
**Type of production:** Book chapter  
**Position of signature:** 1  
**Format:** Book  
**Degree of contribution:** Author or co-author of chapter in book
- 45** Adame, J.A.; Sorribas, M. CAPÍTULO II - MECANISMOS FOTOQUIMICOS: EL OZONO TROPOSFERICO Y LAS PARTICULAS ULTRAFINAS. LA RADIACION SOLAR: EFECTOS EN LA SALUD Y EL MEDIO AMBIENTE. 1, pp. 41 - 58. UNIVERSIDAD INTERNACIONAL DE ANDALUCIA, 2010. ISBN 978-84-7993-201-5  
**Type of production:** Book chapter  
**Position of signature:** 2  
**Format:** Book  
**Degree of contribution:** Author or co-author of chapter in book
- 46** M. Sorribas; V.E. Cachorro; J.A. Adame; B. Wehner; W. Birmili; A. Wiedensohler; A.M. de Frutos; B.A. de la Morena. Sub-micrometric aerosol size distributions in Southwestern Spain : Relation with meteorological parameters. Nucleation and Atmospheric Aerosols. 1 - 1, pp. 829 - 833. C.D. O'Dowd and P. Wagner, 2007. ISBN 978-1-4020-6474-6  
**Type of production:** Book chapter  
**Position of signature:** 1  
**Total no. authors:** 8  
**Format:** Book  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes
- 47** Gómez Moreno F.J.; Sorribas M; Alonso E.; Artíñano B.; Juncal Bello V.; Piñeiro Iglesias M.; López Mahía P.; Pérez N.; Pey J.; Alastuey A.; García M.I.; Rodríguez S.; Titos G.; Lyamani H.; Alados-Arboledas L.; De la Morena B.A. Intercomparaciones de la Red Española de DMAs Ambientales (REDMAAS) en la Estación de Sondeos Atmosféricos del INTA en El Arenosillo. Medioambiente: partículas ultrafinas y sus instrumentos de medida. 1 - 1, pp. 1 - 58. Madrid (Spain): Sorribas M., Gómez-Moreno F.J., De la Morena B.A. e Instituto Nacional de Técnica Aeroespacial, 2013. ISBN 978-84-938932-1-7  
**Legal deposit:** M-24008-2013  
**Type of production:** Scientific book or monograph  
**Position of signature:** 1  
**Corresponding author:** Yes  
**Format:** Book  
**Degree of contribution:** Editor or co-editor

### Works submitted to national or international conferences

- 1** **Title of the work:** Temporal and spatial variation of the atmospheric particle size distribution at seven measurement stations within Spain  
**Name of the conference:** European Aerosol Conference  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** No  
**City of event:** Milan, Italy



**Date of event:** 06/09/2015

**End date:** 11/09/2015

**Organising entity:** University of Milano Bicocca

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Alonso-Blanco, E.; Gómez-Moreno, F.J.; Artiñano, B.; Iglesias Samitier, S.; Juncal, V.; Piñeiro-Iglesias, M.; López-Mahía, P.; Pérez, N.; Brines, M.; Alastuey, A.; Querol, X.; De la Morena, B.A.; García, M.I.; Rodríguez, S.; Sorribas, M.; Titos, G.; Lyamani, H.; Alados-Arboledas, L."Book of Abstracts".

**2 Title of the work:** Saharan versus Arabian dust aerosols: differences in Lidar Ratio retrievals

**Name of the conference:** International Laser Radar Conference

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**Corresponding author:** No

**City of event:** New York, United States of America

**Date of event:** 05/07/2015

**End date:** 10/07/2015

**Organising entity:** National Oceanic and Atmospheric Administration (NOAA), Cooperative Remote Sensing Science and Technology (CREST) Center and the University of New York

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Córdoba-Jabonero, C.; Sabbah, I.; Sorribas, M.; Adame, J.A.; Cuevas, E.; Al Sharifi F.; Gil-Ojeda, M."Book of Abstract".

**3 Title of the work:** ABL and ozone-aerosol interactions under Saharan dusty conditions at El Arenosillo (SW Spain)

**Name of the conference:** 3rd Iberian Meeting on Aerosol Science and Technology

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**Corresponding author:** No

**City of event:** Elche, Spain

**Date of event:** 29/06/2015

**End date:** 01/07/2015

**Organising entity:** Universidad Miguel Hernández de **Type of entity:** University Elche

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Adame, J.A.; Córdoba-Jabonero, C.; Sorribas, M.; Toledo, D.; Gil-Ojeda, M."Book of Abstracts".

**4 Title of the work:** Angular correction for the TSI 3563 integrating nephelometer: results from observed size distributions and Mie and T-matrix codes

**Name of the conference:** 3rd Iberian Meeting on Aerosol Science and Technology

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**Corresponding author:** Yes

**City of event:** Elche, Spain

**Date of event:** 29/06/2015

**End date:** 01/07/2015

**Organising entity:** Universidad Miguel Hernández de **Type of entity:** University Elche

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes



Sorribas, M.; Ogren, J.A.; Quirantes, A.; Andrews, E.; Gil-Ojeda, M.; Alados-Arboledas, L.; Olmo, F.J."Book of Abstracts".

**5 Title of the work:** Atmospheric particle size distributions in the Spanish Network of Environmental DMAs (REDMAAS)

**Name of the conference:** 3rd Iberian Meeting on Aerosol Science and Technology

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**Corresponding author:** No

**City of event:** Elche, Spain

**Date of event:** 29/06/2015

**End date:** 01/07/2015

**Organising entity:** Universidad Miguel Hernández de **Type of entity:** University  
Elche

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Alonso-Blanco, E.; Gómez-Moreno, F.J.; Artiñano, B.; Iglesias Samitier, S.; Juncal, V.; Piñeiro-Iglesias, M.; López-Mahía, P.; Pérez, N.; Brines, M.; Alastuey, A.; Querol, X.; De la Morena, B.A.; García, M.I.; Rodríguez, S.; Sorribas, M.; Titos, G.; Lyamani, H.; Alados-Arboledas, L."Book of Abstracts".

**6 Title of the work:** Local and mesoscale patters associated with high <sup>210</sup>Pb activity concentrations in southern Iberian Peninsula

**Name of the conference:** 3rd Iberian Meeting on Aerosol Science and Technology

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**Corresponding author:** No

**City of event:** Elche, Spain

**Date of event:** 29/06/2015

**End date:** 01/07/2015

**Organising entity:** Universidad Miguel Hernández de **Type of entity:** University  
Elche

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Hernández-Ceballos, M.A.; Sorribas, M.; San Miguel, E.G.; Adame, J.A.; Cinelli, G.; Bolivar, J.P."Book of Abstracts".

**7 Title of the work:** Vertical estimate of Saharan dust mass concentrations derived by ground-based remote sensing observations in synergy with airborne in-situ measurements

**Name of the conference:** 3rd Iberian Meeting on Aerosol Science and Technology

**Type of event:** Conference

**Type of participation:** 'Participatory - poster

**Corresponding author:** No

**City of event:** Elche, Spain

**Date of event:** 29/06/2015

**End date:** 01/07/2015

**Organising entity:** Universidad Miguel Hernández de **Type of entity:** University  
Elche

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Córdoba-Jabonero, C.; Andrey, A.; Adame, J.A.; Gómez, L.; Sorribas, M.; Navarro, M.; Puenteadura, O.; Cuevas, E.; Gil-Ojeda, M."Book of Abstracts".





- 8** **Title of the work:** Vertical estimate of Saharan dust mass concentrations derived by ground-based lidar observations in synergy with airborne in-situ measurements  
**Name of the conference:** VIII Workshop on Lidar Measurements in Latin America  
**Type of event:** Conference **Geographical area:** Non EU International  
**Corresponding author:** No  
**City of event:** Cayo Coco, Cuba  
**Date of event:** 06/04/2015  
**End date:** 10/04/2015  
**Organising entity:** Grupo de Óptica Atmosférica de Camagüey  
**Publication in conference proceedings:** Yes  
"Book of abstract".
- 9** **Title of the work:** Multi-platform in-situ and remote sensing techniques to derive Saharan dust properties during AMISOC-TNF 2013  
**Name of the conference:** SPIE - Remote Sensing  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**City of event:** Amsterdam, Holland  
**Date of event:** 22/09/2014  
**End date:** 25/09/2014  
**Organising entity:** SPIE (International Society for Optics and Photonics  
Córdoba-Jabonero, C.; Andrey, J.; Adame, J.A.; Sorribas, M.; Gómez, L.; Cuevas, E.; Gil-Ojeda, M."Book of Abstract".
- 10** **Title of the work:** Temporal and spatial long-term characterizations of aerosol optical depth and its radiative effects over Spain  
**Name of the conference:** 4th COSPAR Scientific Assembly  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** 'Participatory - poster  
**City of event:** Moscú, Russia  
**Date of event:** 02/08/2014  
**End date:** 10/08/2014  
**Organising entity:** COSPAR  
Cachorro, V.E.; Mateos, D.; Antón, M.; Toledano, C.; Alados-Arboledas, L.; Sorribas, M.; Costa, M.J.; Baldasano, J.M.
- 11** **Title of the work:** Role of the spheroidal particles on the closure studies for microphysical-optical properties  
**Name of the conference:** II Iberian Meeting on Aerosol Science and Technology  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Tarragona, Spain  
**Date of event:** 07/07/2014  
**End date:** 09/07/2014  
**Organising entity:** Universitat Rovira i Virgili **Type of entity:** University  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
M. Sorribas; F.J. Olmo; A. Quirantes; J.A. Ogren; M. Gil-Ojeda; L. Alados-Arboledas. "Book of Abstracts".
- 12** **Title of the work:** The REDMAAS 2014 intercomparison campaign: CPC, SMPS, UFP and neutralizers  
**Name of the conference:** II Iberian Meeting on Aerosol Science and Technology  
**Geographical area:** National



**Type of participation:** 'Participatory - poster

**City of event:** Tarragona, Spain

**Date of event:** 07/07/2014

**End date:** 09/07/2014

**Organising entity:** Universitat Rovira i Virgili

**Publication in conference proceedings:** Yes

**Type of entity:** University

**With external admission assessment committee:**  
Yes

F.J. Gómez-Moreno; E. Alonso; B. Artíñano; S. Iglesias Samitier; M. Piñeiro-Iglesias; P. López-Mahía; N. Pérez; A. Alastuey; B.A. de la Morena; M.I. García; S. Rodríguez; M. Sorribas; G. Titos; H. Lyamani; L. Alados-Arboledas; E. Filimundi; E. Latorre Tarrasa. "Book of Abstracts".

**13 Title of the work:** Atmospheric boundary layer and ozone-aerosol dynamics under dusty conditions from Saharan intrusions

**Name of the conference:** ACTRIS Meeting Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Clermont-Ferrant, France

**Date of event:** 10/06/2014

**End date:** 12/06/2014

**Organising entity:** CNRS

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.A. Adame; C. Córdoba-Jabonero; M. Sorribas; D. Toledo; M. Gil-Ojeda. "Book of abstracts".

**14 Title of the work:** Comparison of spheres and spheroids particles on the closure studies for microphysical-optical properties

**Name of the conference:** ACTRIS Meeting Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Clermont-Ferrant, France

**Date of event:** 10/06/2014

**End date:** 12/06/2014

**Organising entity:** CNRS

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; F.J. Olmo; A. Quirantes; M. Gil-Ojeda; L. Alados-Arboledas. "Book of abstracts".

**15 Title of the work:** Long-term study of new particle formation in a coastal environment: meteorology, gas phase and solar radiation implications

**Name of the conference:** ACTRIS Meeting Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Clermont-Ferrant, France

**Date of event:** 10/06/2014

**End date:** 12/06/2014

**Organising entity:** CNRS

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; J.A. Adame; J.M. Vilaplana; C. Córdoba-Jabonero; F.J. Olmo; L. Alados-Arboledas; M. Gil-Ojeda. "Book of abstracts".





- 16** **Title of the work:** On the aerosol optical-chemical-microphysical properties and closure studies for Saharan dust episodes in Southwestern European border  
**Name of the conference:** International Dust Conference on Atmospheric Dust  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Marina Castellaneta, Italy  
**Date of event:** 02/06/2014  
**End date:** 06/06/2014  
**Organising entity:** Italian Association for the Study of Clays and the Institute of Methodologies for Environmental Analysis  
**Publication in conference proceedings:** Yes      **With external admission assessment committee:** Yes  
M. Sorribas; F. J. Olmo; B. A. de la Morena; A. Quirantes; J.A. Ogren; C. Córdoba-Jabonero; M. Gil-Ojeda; L. Alados-Arboledas. "Book of abstract".
- 17** **Title of the work:** Measurements of aerosol Light-scattering enhancement factors at the urban environment of Granada (Spain).  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Praga, Czech Republic  
**Date of event:** 01/09/2013  
**End date:** 06/09/2013  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**With external admission assessment committee:** Yes  
G. titos; H. Lyamani; A. Cazorla; Z.J. Wu; M. Sorribas; I. Foyo-Moreno; J. Chang; H.J. Liu; A. Wiedensohler and L. Alados-Arboledas."Book of abstract".
- 18** **Title of the work:** On the microphysical and optical aerosol properties during AMISOC-ARN Campaign.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Praga, Czech Republic  
**Date of event:** 01/09/2013  
**End date:** 06/09/2013  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**With external admission assessment committee:** Yes  
M. Sorribas; C. Córdoba-Jabonero; H. Lyamani; G. Titos; J.A. Adame; R. Fraile; B.A. de la Morena; F.J. Olmo; L. Alados-Arboledas; O. Puentedura and M. Gil."Book of Abstract".
- 19** **Title of the work:** The Spanish network on environmental DMAs: the 2012 SMPS+UFP intercomparison campaign and study on particle losses in dryers.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Praga, Czech Republic  
**Date of event:** 01/09/2013  
**End date:** 06/09/2013  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**Publication in conference proceedings:** Yes      **With external admission assessment committee:** Yes



F. J. Gómez-Moreno; E. Alonso; B. Artífano; V. Juncal Bello; M. Piñeiro Iglesias; P. López Mahía; N. Pérez; J. Pey; A. Alastuey; B.A. de la Morena; M.I. García; S. Rodríguez; M. Sorribas; G. Titos; H. Lyamani and L. Alados-Arboledas. "Book of abstract".

**20 Title of the work:** AMISOC 2012: Comparison of aerosol size distribution with airborne and ground based instrumentation

**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles

**Geographical area:** España y Portugal

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of event:** 01/07/2013

**End date:** 03/07/2013

**Organising entity:** Universidad de Évora

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

N. Seoane\_Vieira; J. Andrey; M. Sorribas; A. Corrales Sierra; R. González-Armengod; M. Gil Ojeda; B. de la Morena; B. Marqués. "Book of abstract".

**21 Title of the work:** Atmospheric Boundary Layer during AMISOC-ARN: Lidar-derived height as estimated by different methods.

**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles

**Geographical area:** España y Portugal

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of event:** 01/07/2013

**End date:** 01/07/2013

**Organising entity:** Universidad de Évora

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

D. Toledo; C. Córdoba-Jabonero; J.A. Adame; M. Sorribas; D. Grau; J. Andrey; B. De la Morena and M. Gil-Ojeda. "Book of abstract".

**22 Title of the work:** First year of aerosol absorption measurements at El Arenosillo Station

**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles

**Type of participation:** 'Participatory - poster

**Reasons for participation:** España y Portugal

**City of event:** Évora, Portugal

**Date of event:** 01/07/2013

**End date:** 03/07/2013

**Organising entity:** Universidad de Évora

**With external admission assessment committee:** Yes

M. Sorribas; J.A. Ogren; B.A. de la Morena; M. Gil-Ojeda. "Book of abstract".

**23 Title of the work:** Measurements of aerosol light-scattering enhancement factors at the urban environment of Granada (Spain).

**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles

**Geographical area:** España Y Portugal

**Type of participation:** 'Participatory - poster

**City of event:** Évora, Portugal

**Date of event:** 01/07/2013

**End date:** 03/07/2013

**Organising entity:** Universidad de Évora

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**

Yes

G. Titos; H. Lyamani; A. Cazorla; Z.J. Wu; M. Sorribas; I. Foyo-Moreno; J. Chang; H.J. Liu; A. Wiedensohler and L. Alados-Arboledas."Book of abstract".

- 24 Title of the work:** The REDMAAS 2012 SMPS+UFP intercomparison campaign.  
**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles  
**Geographical area:** España y Portugal  
**Type of participation:** 'Participatory - poster  
**City of event:** Évora,  
**Date of event:** 01/07/2013  
**End date:** 03/07/2013  
**Organising entity:** Universidad de Évora  
**City organizing entity:** Portugal  
**Publication in conference proceedings:** Yes

**With external admission assessment committee:**

Yes

F. J. Gómez-Moreno; E. Alonso; B. Artífano; V. Juncal Bello; M. Piñeiro Iglesias; P. López Mahía; N. Pérez; J. Pey; A. Alastuey; B.A. de la Morena; M.I. García; S. Rodríguez; M. Sorribas; G. Titos; H. Lyamani and L. Alados-Arboledas."Book of abstract".

- 25 Title of the work:** Time and size resolved characterization of in-situ surface aerosol during AMISOC-ARN Campaign: microphysical and optical aerosol properties.  
**Name of the conference:** I Reunión Ibérica de Ciencia y Tecnología de los Aerosoles  
**Geographical area:** España y Portugal  
**Type of participation:** Participatory - oral communication  
**City of event:** Évora, Portugal  
**Date of event:** 01/07/2013  
**End date:** 03/07/2013  
**Organising entity:** Universidad de Évora  
**Publication in conference proceedings:** Yes

**With external admission assessment committee:**

Yes

M. Sorribas; C. Córdoba-Jabonero; H. Lyamani; G. Titos; J.A. Adame; R. Fraile; B.A. de la Morena; F.J. Olmo; L. Alados-Arboledas; O. Puentedura and M. Gil."Book of abstract".

- 26 Title of the work:** Short-term variability of aerosol optical properties at NOAA's federated aerosol network.  
**Name of the conference:** Annual Meeting of NOAA/ESRL  
**Geographical area:** Non EU International  
**Type of participation:** 'Participatory - poster  
**City of event:** Boulder, United States of America  
**Date of event:** 21/05/2013  
**End date:** 22/05/2013  
**Organising entity:** NOAA/ESRL  
**Publication in conference proceedings:** Yes

**With external admission assessment committee:**

Yes

Andrews; E.; Ogren; J.A.; Bergin; M.; Brunke; E.; Hallar; G.; Hoffer; A.; Jefferson; A.; Kalapov; I.; Kim; J.E.; Kin; S.-W.; Labuschagne; C.; Leaitch; W.R.; Lin; N.-H.; Macdonald; A.; Mayol-Bracero; O.; Rivera; H.; Sharma; S.; Sheridan; P.; Sherman; J.; Sorribas; M.; Sun; J.; Taubman; B.; Zhou; Y."Book of abstract".

- 27 Title of the work:** An exceptional air pollution event in the southwest of Europe  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster



**City of event:** Granada, Spain

**Date of event:** 02/09/2012

**End date:** 07/09/2012

**Organising entity:** Universidad de Granada

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Adame J.A.; Sorribas M.; Hernández-Ceballos M.A.; Bolivar J.P.; De la Morena B.A. "Book of abstract".  
02/2007.

**28 Title of the work:** CLIMARENO 2011 campaign: airborne characterization of a Saharan dust intrusion over the Iberian Peninsula

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 02/09/2012

**End date:** 07/09/2012

**Organising entity:** Universidad de Granada

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Andrey J.; Fernández-Galvez J.; Guerrero-Rascado J.L.; Sorribas M.; Titos G.; Corrales A.; Gil M.; Cachorro V.; De la Morena B.A.; Olmo F.J.; Alados-Arboledas L. "Book of abstract".

**29 Title of the work:** Calibration and intercomparison results in the Spanish network on environmental DMAs

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 02/09/2012

**End date:** 07/09/2012

**Organising entity:** Universidad de Granada

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Gómez-Moreno F.J.; Artíñano B.; Juncal Bello V.; Piñeiro Iglesias M.; López Mahía P.; Perez N.; Pey J.; Alastuey A.; De la Morena B.A.; García M.I.; Rodríguez S.; Sorribas M.; Titos G.; Lyamani H.; Alados-Arboledas L. "Book of abstract".

**30 Title of the work:** Desert-dust episodes over a background European environment: relationship between optical and physical properties by in-situ and columnar-integrated techniques

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 02/09/2012

**End date:** 07/09/2012

**Organising entity:** Universidad de Granada

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Sorribas M.; Ogren J.A.; Olmo F.J.; Fraile R.; De la Morena B.A.; Alados-Arboledas L. "Book of abstract".



- 31 Title of the work:** Monitoring of ultrafine particles at an urban environment in southern Europe  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Granada, Spain  
**Date of event:** 02/09/2012  
**End date:** 07/09/2012  
**Organising entity:** Universidad de Granada  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
 Titos G.; Lyamani H.; Sorribas M.; Foyo-Moreno I.; Alados-Arboledas A."Book of abstract".
- 32 Title of the work:** Multi-instrument campaign for assessment of trace gas-aerosol interactions  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Granada, Spain  
**Date of event:** 02/09/2012  
**End date:** 07/09/2012  
**Organising entity:** Universidad de Granada **Type of entity:** University  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
 Puenteadura O.; Gil M.; Adame J.A.; Andrey J.; Córdoba-Jabonero C.; Gómez L.; Hay T.; Navarro M.; Prados-Román C.; Saiz-Lopez A.; Sorribas M.; Toledo D.; De la Morena B.A."Book of abstract".
- 33 Title of the work:** On the latitudinal and seasonal distribution of reactive halogens in the Eastern Pacific marine Boundary layer.  
**Name of the conference:** EGU General Assembly  
**Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**City of event:** Viena, Austria  
**Date of event:** 22/04/2012  
**End date:** 27/04/2012  
**Organising entity:** European Geophysical Union  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
 J.C. Gomez Martin; T.D. Hay; C. Prados-Roman; C. Ordoñez; S.-J. Royer; S. Yvon-Lewis; M.V. Agama Reyes; J.F. Paredes Mora; M. Sorribas; M. Gil; S. MacDonald; J.M.C. Plane and A. Saiz-López."Geophysical Research Abstracts". 14 - EGU2012-8241-1,
- 34 Title of the work:** Pathway of the Fukushima radioactive plume for reaching the Iberian Peninsula  
**Name of the conference:** EGU General Assembly  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 22/04/2012  
**End date:** 27/04/2012  
**Organising entity:** European Geophysical Union  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
 R. Lozano; M.A. Hernández-Ceballos; J.A. Adame; M. Casas-Ruíz; M. Sorribas; E.G. San Miguel; J.P. Bolívar. "Geophysical Research Abstracts". 14 - EGU2012-5979-1,





- 35** **Title of the work:** Coastal nucleation events: relation to atomic and molecular iodine concentration.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Manchester, United Kingdom  
**Date of event:** 22/08/2011  
**End date:** 26/08/2011  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
Sorribas; M.; Mahajan; A.; Gómez Martín; J.C.; MacDonald; S.M.; De la Morena; B.A.; Gil; M.; Plane; J.M.C. and Saiz-Lopez; A. "Book of Abstract".
- 36** **Title of the work:** Main activities of the Spanish network on environmental DMAs.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Manchester, United Kingdom  
**Date of event:** 22/08/2011  
**End date:** 26/08/2012  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
F. J. Gómez-Moreno; M. Sastre; B. Artíñano; V. Juncal Bello; M. Piñeiro Iglesias; P. López Mahía; J. Pey; A. Ripoll; A. Alastuey; M. Sorribas; M. Fernández; B. A. de la Morena; J. L. Trujillo de Cabo and S. Rodríguez. "Book of abstracts".
- 37** **Title of the work:** Saharan dust intrusion monitoring: Part 1: Detection, identification and vertical structure analysis.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Manchester, United Kingdom  
**Date of event:** 22/08/2011  
**End date:** 26/08/2011  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**With external admission assessment committee:** Yes  
Córdoba-Jabonero; C.; Sorribas; M.; Guerrero-Rascado; J.L.; Adame; J.A.; Hernández; Y.; Cachorro; V.E.; Gil; M.; Alados-Arboledas; L. and Cuevas; E. "Book of Abstract".
- 38** **Title of the work:** Saharan dust intrusion monitoring: Part 2: Evaluation of potential dust impact on surface.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Manchester, United Kingdom  
**Date of event:** 22/08/2011  
**End date:** 26/08/2011  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**With external admission assessment committee:** Yes  
C. Córdoba-Jabonero; M. Sorribas; J.L. Guerrero-Rascado; J.A. Adame; Y. Hernández; V.E. Cachorro; M. Gil; L. Alados-Arboledas; E. Cuevas. "Book of Abstracts".





- 39** **Title of the work:** Sub-artic nucleation events: Observation at ALOMAR Station, Norway.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Manchester, United Kingdom  
**Date of event:** 22/08/2011  
**End date:** 26/08/2011  
**Organising entity:** EUROPEAN AEROSOL ASSEMBLY  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
M. Sorribas; J.F. López; M. Fernández-León; S. Blenheim; B.A. De la Morena. "Book of Abstracts".
- 40** **Title of the work:** Natural radionuclides as tracers of aerosols from southwest Spain.  
**Name of the conference:** V Reunión Española de Ciencia y Tecnología del aerosol - RECTA  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 27/06/2011  
**End date:** 29/06/2011  
**Organising entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
R.L. Lozano; M. Sorribas; C. Martínez; E. Cuesta; E.G. San Miguel; J.P. Bolivar; M. Casas-Ruiz; R. García-Tenorio. "Book of Extended Abstract". pp. C7-1 - C7-6. ISBN 978-84-7834-662-2
- 41** **Title of the work:** Saharan dust intrusión monitoring: Part 1: Detection, identification and vertical structure analysis.  
**Name of the conference:** V Reunión Española de Ciencia y Tecnología del aerosol - RECTA  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 27/06/2011  
**End date:** 29/06/2011  
**Organising entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
C. Córdoba-Jabonero; M. Sorribas; J.L. Guerrero-Rascado; J.A. Adame; Y. Hernández; V.E. Cachorro; M. Gil; L. Alados-Arboledas; E. Cuevas. "Book of Extended Abstract". pp. D1-1 - D1-6. ISBN 978-84-7834-662-2
- 42** **Title of the work:** Saharan dust intrusión monitoring: Part 2: Evaluation of potential dust impact on surface.  
**Name of the conference:** V Reunión Española de Ciencia y Tecnología del aerosol - RECTA  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 27/06/2011  
**End date:** 27/06/2011  
**Organising entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body



**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Córdoba-Jabonero; M. Sorribas; J.L. Guerrero-Rascado; J.A. Adame; Y. Hernández; V.E. Cachorro; M. Gil; L. Alados-Arboledas; E. Cuevas. "Book of Extended Abstract". pp. L3-1 - L3-6. ISBN 978-84-7834-662-2

**43 Title of the work:** Vertical and ground base aerosols and gases characterization at "El Arenosillo" station during July 2009.

**Name of the conference:** V Reunión Española de Ciencia y Tecnología del aerosol - RECTA

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Madrid, Spain

**Date of event:** 27/06/2011

**End date:** 29/06/2011

**Organising entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas

**Type of entity:** Public Research Body

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J. Andrey; M. Sorribas; J.A. Adame; M. Navarro-Comas; M. Gil; B.A. De la Morena. "Book of Extended Abstract". pp. H4-1 - H4-6. ISBN 978-84-7834-662-2

**44 Title of the work:** Campaña DOMINO para la determinación de la capacidad oxidativa de la baja atmósfera.

**Name of the conference:** Congreso Nacional de Medio Ambiente CONAMA10

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Madrid, Spain

**Date of event:** 22/11/2010

**End date:** 26/11/2010

**Organising entity:** COLEGIO OFICIAL DE FISICOS

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.A. Adame; M. Martínez; M. Sorribas; M. Hernández-Ceballos; B.A. De la Morena. "CD de Resúmenes Extendidos,". pp. 1 - 27. ISBN 978-84-614-6112-7

**45 Title of the work:** Influencia de las pautas de comportamiento humano en la calidad del aire de áreas metropolitanas.

**Name of the conference:** 6 International Center for Earth Sciences (E-ICES 5)

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**City of event:** Malargüe, Argentina

**Date of event:** 04/10/2010

**End date:** 08/10/2010

**Organising entity:** INTERNATIONAL CENTER FOR EARTH SCIENCES

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

B.A. De la Morena; J.A. Adame; M. Sorribas; M. Hernández-Ceballos; M. Fernández; M. Mosert. "Book of abstracts,". ISBN 978-5-94458-109-9

**46 Title of the work:** Analysis of aerosol scattering coefficient measurements between 2006 and 2008 at El Arenosillo.

**Name of the conference:** 37 Annual European Meeting on Atmospheric Studies by Optical Methods.

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster



**City of event:** Valladolid, Spain

**Date of event:** 23/08/2010

**End date:** 26/08/2010

**Organising entity:** Universidad de Valladolid

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.F. López; V.E. Cachorro; M. Sorribas; B.A. De la Morena; A.M. De Frutos. "Abstract, p.1".

**47 Title of the work:** Vertical characterization of dust intrusions: synergetic ground-based Lidar and airborne measurements.

**Name of the conference:** International Laser Radar Conference

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**City of event:** St. Petersburg, Russia

**Date of event:** 05/07/2010

**End date:** 09/07/2010

**Organising entity:** THE INTERNATIONAL COORDINATION-GROUP FOR LASER ATMOSPHERIC STUDIES, OF THE INTERNATIONAL RADIATION C

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Córdoba-Jabonero; J. Andrey; M. Sorribas; J.A. Adame; O. Serrano; V. Cachorro; M. Gil; B.A. De la Morena. "Cd de resúmenes,". pp. 508 - 511. ISBN 978-5-94458-109-9

**48 Title of the work:** Aerosol effects on comparison of UV irradiance products from OMI with Brewer measurements in El Arenosillo (Southwestern Spain).

**Name of the conference:** IV Reunión Española de Ciencia y Tecnología del aerosol - RECTA

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 28/06/2010

**End date:** 30/06/2010

**Organising entity:** Universidad de Granada

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V.E. Cachorro; M. Antón; C. Toledano; J.M. Vilaplana; M. Sorribas; A. Berjón; A.M. De Frutos; A. Arola; N.A. Krotkov; B.A. De la Morena. "Pen-Drive with Extended Abstracts,". ISBN 978-84-693-4839-0

**49 Title of the work:** Aerosol particle microphysical properties during the 2009 summer in El Arenosillo.

**Name of the conference:** IV Reunión Española de Ciencia y Tecnología del aerosol - RECTA

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 28/06/2010

**End date:** 30/06/2010

**Organising entity:** Universidad de Granada

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Fernández-León; M. Sorribas; L. Alados-Arboledas; B.A. De la Morena. "Pen-Drive with Extended Abstracts,". ISBN 978-84-693-4839-0



- 50** **Title of the work:** Análisis cluster del efecto fin de semana de O3, NO, NO2, CO y PM10 medido en Andalucía durante el periodo 2003-2008.  
**Name of the conference:** IV Reunión Española de Ciencia y Tecnología del aerosol - RECTA  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Granada, Spain  
**Date of event:** 28/06/2010  
**End date:** 28/06/2010  
**Organising entity:** Universidad de Granada  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
J.A. Adame; M. Sorribas; R. Lozano; M. Hernández-Ceballos; J. Contreras; M. Fernández-León; B.A. De la Morena. "Pen-Drive with Extended Abstracts,". ISBN 978-84-693-4839-0
- 51** **Title of the work:** The Spanish Network on Environmental DMAs: introduction and main activities.  
**Name of the conference:** IV Reunión Española de Ciencia y Tecnología del aerosol - RECTA  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Granada, Spain  
**Date of event:** 28/06/2010  
**End date:** 30/06/2010  
**Organising entity:** Universidad de Granada **Type of entity:** University  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
F.J. Gómez-Moreno; B. Artíñano; M. Piñeiro Iglesias; P. López Mahía; J. Pey; A. Alastuey; M. Sorribas; B.A. De la Morena; S. Rodríguez. "Pen-Drive with Extended Abstracts,". ISBN 978-84-693-4839-0
- 52** **Title of the work:** Weekend effect of O3, NO, NO2 and PM10 concentrations in the Routh of Spain during 2003-2008.  
**Name of the conference:** EGU General Assembly  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 02/05/2010  
**End date:** 07/05/2010  
**Organising entity:** European Geophysical Union  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
J.A. Adame; A. Lozano; M. Sorribas M.; J. Contreras; M. Hernández-Ceballos; F. Godoy; M. Fernández; Bolívar; J.P. and De la Morena; B.A."Geophysical Research Abstracts". 12 - EGU2010-7932, 02/2007.
- 53** **Title of the work:** Dust intrusion observations by Lidar: from the subtropical Santa Cruz de Tenerife Station (Canary Island) to 'El Arenosillo' station (southwest of Iberian Peninsula).  
**Name of the conference:** 5th WLMLA (Workshop on Lidar Measurements in Latin America)  
**Geographical area:** Non EU International  
**Type of participation:** 'Participatory - poster  
**City of event:** Buenos Aires, Argentina  
**Date of event:** 30/11/2009  
**End date:** 03/12/2009  
**Organising entity:** TECHNOLOGY INSTITUTE OF BUENOS AIRES  
**With external admission assessment committee:** Yes



C. Córdoba-Jabonero; M. Sorribas; Y. Hernandez; J.A. Adame; J. Andrey; V. Cachorro; M. Gil; E. Cuevas; B.A. De la Morena. "Book of Proceedings".

**54 Title of the work:** La Contaminación por Ozono Superficial y Material Particulado en el Suroeste de Europa.

**Name of the conference:** 5 International Center for Earth Sciences (E-ICES 5)

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**City of event:** Malargüe, Argentina

**Date of event:** 24/11/2009

**End date:** 27/11/2009

**Organising entity:** INTERNATIONAL CENTER FOR EARTH SCIENCES

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

B.A.De la Morena; J.A. Adame; M. Sorribas; M. Mosert. "Book of Abstracts".

**55 Title of the work:** 7Be and U-series radio nuclides determinations in surface air aerosols from urban areas and from NORM industries of southwest of Spain.

**Name of the conference:** International Topical Conference on Po and Radioactive Pb Isotopes.

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Sevilla, Spain

**Date of event:** 26/10/2009

**End date:** 28/10/2009

**Organising entity:** UNIVERSIDAD DE SEVILLA

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

R.L. Lozano; J.P. Bolívar; E.G. San Miguel; M. Sorribas. "Book of Abstracts".

**56 Title of the work:** Characterization of different particle size metrics with a SMPS-APS system at El Arenosillo (Huelva).

**Name of the conference:** III Spanish Meeting on Aerosol Science and Technology.

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 24/06/2009

**End date:** 26/06/2009

**Organising entity:** Universidad del País Vasco

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Fernández-León; M. Sorribas; J.F. López; B.A. De la Morena. "Libro de resúmenes extendidos".

**57 Title of the work:** Events with high concentration for sub-micron atmospheric aerosol at the coastal arctic environment.

**Name of the conference:** III Spanish Meeting on Aerosol Science and Technology.

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Bilbao, Spain

**Date of event:** 24/06/2009

**End date:** 26/06/2009

**Organising entity:** Universidad del País Vasco

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes





M. Sorribas; J.F. López; M. Fernández-León; V.E. Cachorro V.E.; B.A. De la Morena. "Libro de resúmenes extendidos".

- 58** **Title of the work:** Vertical characterization of dust intrusions by using ground-based lidar and airborne measurements: a case study over 'El Arenosillo' Station.  
**Name of the conference:** III Spanish Meeting on Aerosol Science and Technology.  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Bilbao, Spain  
**Date of event:** 24/06/2009  
**End date:** 26/06/2009  
**Organising entity:** Universidad del País Vasco **Type of entity:** University  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes

C. Córdoba-Jabonero; J. Andrey; M. Sorribas; J.A. Adame; O. Serrano; V.E. Cachorro; M. Gil; B.A. De la Morena. "Libro de resúmenes extendidos".

- 59** **Title of the work:** Propiedades de la columna de aerosol en relación a las medidas de PM en superficie durante la campaña Damocles 2006 (El Arenosillo, Huelva, Spain).  
**Name of the conference:** XI Congreso de Ingeniería Ambiental  
**Geographical area:** National  
**Type of participation:** Participatory - oral communication  
**City of event:** País Vasco, Spain  
**Date of event:** 04/11/2008  
**End date:** 06/11/2008  
**Organising entity:** Universidad del País Vasco **Type of entity:** University  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes

J. A. Martínez-Lozano; V. Estellés; A. Esteve; J. Pey; M.P. Utrillas; X. Querol; J. de la Rosa; Y. González-Castanedo; A. Alastuey; G. Gangoiti; A. Sánchez de la Campa; L. Alados-Arboledas; F. J. Olmo; H. Lyamani; M. Sorribas; C. Pio; V. Cachorro; M. Piñeiro; P. Lopez-Mahia; D. García-Gacio; J.P. Díaz; F.J. Expósito. "Libro de Abstract". ISBN 978-84-612-6011-9

- 60** **Title of the work:** AERONET inversion algorithm's results at El Arenosillo station (37.1N-6.7W).  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki, Greece  
**Date of event:** 24/08/2008  
**End date:** 29/08/2008  
**Organising entity:** Universidad de Thessaloniki  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes

N. Prats; V.E. Cachorro; M. Sorribas; C. Toledano; A. Berjón; R. Rodrigo; B. Torres; A. de Frutos. "Cd con abstracts". T06A128P,

- 61** **Title of the work:** Comparison between Version 1 and Version 2 AERONET inversion algorithm in 'El Arenosillo 2004 summer campaign.  
**Name of the conference:** European Aerosol Conference  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Thessaloniki, Greece





**Date of event:** 24/08/2008

**End date:** 29/08/2008

**Organising entity:** Universidad of Thessaloniki

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

N. Prats; V.E. Cachorro; M. Sorribas; C. Toledano; A. Berjón; A. de Frutos; B.A. de la Morena. "Cd con abstracts". T06A129P,

**62 Title of the work:** Sub-micron particle size distribution at a rural and coastal site in Spain and relation to air mass origin.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Thessaloniki, Greece

**Date of event:** 24/08/2008

**End date:** 28/08/2008

**Organising entity:** Universidad de Thessaloniki

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; C. Toledano; V.E. Cachorro; J.F. López; B. Torres; B.A. de la Morena. "Cd Abstracts, T06A172P". T06A172P, 2024.

**63 Title of the work:** Aeronet inversion algorithm's results at El Arenosillo Station (37.1N – 6.7W)

**Name of the conference:** II Spanish Meeting on Aerosol Science and Technology

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**City of event:** Torremolinos, Spain

**Date of event:** 30/06/2008

**End date:** 01/07/2008

**Organising entity:** Universidad de Málaga

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

N. Prats; V.E. Cachorro; M. Sorribas; C. Toledano; A. Berjón; R. Rodrigo; B. Torres; A.M. de Frutos and B.A. de la Morena. "Book of Abstracts".

**64 Title of the work:** Medidas del coeficiente de scattering de aerosoles.

**Name of the conference:** II Spanish Meeting on Aerosol Science and Technology.

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Torremolinos, Spain

**Date of event:** 30/06/2008

**End date:** 01/07/2008

**Organising entity:** Universidad de Málaga

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.F. López; M. Sorribas; M. Hernández; V.E. Cachorro; A.M. de Frutos and B.A. de la Morena. "Book of abstracts".

**65 Title of the work:** Properties of air pollutant recirculation from airborne and ground-based in situ measurements performed during DAMOCLES campaign.

**Name of the conference:** II Spanish Meeting on Aerosol Science and Technology

**Geographical area:** National



**Type of participation:** 'Participatory - poster

**City of event:** Torremolinos, Spain

**Date of event:** 30/06/2008

**End date:** 01/07/2008

**Organising entity:** Universidad de Málaga

**Publication in conference proceedings:** Yes

**Type of entity:** University

**With external admission assessment committee:**  
Yes

M. Sorribas; J. Andrey; J.A. Adame; J.F. López; N. Prats; M. Fernández; V.E. Cachorro; M. Gil; L. Alados-Arboledas; B.A. de la Morena and J.A. Martínez-Lozano."Book of Abstracts".

**66 Title of the work:** Levels, chemical composition and mass contribution of particulate matter in a rural monitoring Station.

**Name of the conference:** 6 Asamblea Hispano-Portuguesa de Geodesia y Geofísica.

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Tomar, Portugal

**Date of event:** 11/02/2008

**End date:** 14/02/2008

**Organising entity:** INSTITUTO POLITECNICO DE TOMAR

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Y. González Castanedo; J. D. de la Rosa; A.M. Sánchez de la Campa; A. Alastuey; X. Querol; V.E. Cachorro; M. Sorribas and J.P. Bolivar."Book of Abstracts".

**67 Title of the work:** Analysis of AERONET inversion Algorithm's products at El Arenosillo Station, Southwest Spain.

**Name of the conference:** International Radiation Symposium

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**City of event:** Foz do Iguacu, Brazil

**Date of event:** 2008

**End date:** 2008

**With external admission assessment committee:** Yes

N. Prats; V.E. Cachorro; M. Sorribas; C. Toledano; A. Berjón; R. Rodrigo; B. Torres; A.M. De Frutos. "Current problems in atmospheric radiation". pp. 193 - 196. ISBN 978-0-7354-0635-3

**68 Title of the work:** The KCICLO correction-calibration method and the AOD diurnal cycle: application to AOD data series.

**Name of the conference:** International Radiation Symposium

**Type of participation:** 'Participatory - poster

**City of event:** Foz do Iguacu, Brazil.,

**Date of event:** 2008

Cachorro; V.E.; Toledano; C.; Berjón; A.; De Frutos; A. M.; Torres; B. Rodrigo; R. Prats; N.; Sorribas; M. and Laulainen; N.S."Current problems in atmospheric radiation,". pp. 223. 2008. ISBN 978-0-7354-0635-3

**69 Title of the work:** 38 años de observación de la atmósfera desde El Arenosillo

**Name of the conference:** International Center for Earth Sciences (ICES)

**Geographical area:** Non EU International

**Type of participation:** 'Participatory - poster

**City of event:** Malargüe, Argentina

**Date of event:** 20/11/2007

**End date:** 23/11/2007



**Organising entity:** INTERNATIONAL CENTER FOR EARTH SCIENCES

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**

Yes

De la Morena B.A.; Adame J.A.; Vilaplana J.M.; Sorribas M.; Blanco I.; Galvez A.

**70 Title of the work:** Desert dust events over south-western Sapin in 2000-2006.

**Name of the conference:** WMO Sand and Dust System

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 06/11/2007

**End date:** 09/11/2007

**Organising entity:** BARCELONA SUPER COMPUTER CENTER (BSC)

**Publication in conference proceedings:** No

**With external admission assessment committee:**

Yes

Toledano C.; Cachorro V.E.; Prats N.; Rodrigo R.; Berjón A.; De Frutos A.M.; Torres B.; Sorribas M. and De la Morena B."Abstract". 2006.

**71 Title of the work:** RIMA: Iberian network for photometric aerosol measurements.

**Name of the conference:** WMO Sand and Dust System

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 06/11/2007

**End date:** 09/11/2007

**Organising entity:** BARCELONA SUPER COMPUTER CENTER (BSC)

**Publication in conference proceedings:** No

**With external admission assessment committee:**

Yes

Cachorro V.E.; De Frutos A.M.; Berjón A.; Sorribas M.; De la Morena B.A.; Cuevas E.; Labajo A.; Alados-Arboledas L.; Martínez-Lozano J.A.; Díaz J.P.; Llorente J.; Cancillo M. and Pujadas M."Abstracts".

**72 Title of the work:** Saharan dust monitoring from a multi-instrumented station in southwestern European border.

**Name of the conference:** WMO Sand and Dust System

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 06/11/2007

**End date:** 09/11/2007

**Organising entity:** BARCELONA SUPER COMPUTER (BSC)

**With external admission assessment committee:** Yes

Gil M.; Sorribas M.; Cachorro V.E.; Morena B.A."Abstract".

**73 Title of the work:** Back trajectories classification with columnar aerosol properties at southwest of Spain.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Salzburg, Austria

**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY



**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Toledano; V.E. Cachorro; B. Torr s; N. Prats; R. Rodrigo; M. Sorribas; A. Berj n and A.M. de Frutos."Book of Abstracts". T13A066,

**74 Title of the work:** Intercomparison of instrumentation for atmospheric aerosol measurements. DAMOCLES campaign.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Salzburgo, Austria

**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.A. Mart nez-Lozano; L. Alados-Arboledas; B.A. de la Morena; V. Estell s; F.J. Exposito; J. Pey; M. Sicard and M. Sorribas."Book of Abstract". T13A230,

**75 Title of the work:** Levels and chemical composition of PM10 and PM2.5 in 'El Arenosillo' rural monitoring station (SW Spain).

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Salzburgo, Austria

**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Y. Gonz lez Castanedo; J. D. de la Rosa; A.M. S nchez de la Campa; A. Alastuey; X. Querol; J.P. Bolivar; V.E. Cachorro and M. Sorribas."Book of Abstracts". T19A028,

**76 Title of the work:** Monitoring station for ground based tropospheric aerosol properties in Southwest Spain.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Salzburgo, Austria

**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Sorribas M.; Mogo S.; Cachorro V.E.; De la Rosa J.; Prats N.; L pez J.F.; A.M. S nchez de la Campa; Y. Gonz lez; De Frutos A.M.; De la Morena B.A."Book of Abstract". T13A133,

**77 Title of the work:** Observations of different events with high particle number size distributions at the coastal Atlantic area of southwest Spain.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Salzburgo, Austria



**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Sorribas M.; Cachorro V.E.; Wehner B.; Birmili W.; Prats N.; López J.F.; A. Wiedensohler; De Frutos A.M.; De la Morena B.A."Book of Abstract". T13A134,

**78 Title of the work:** Reporting aerosol data about the most strong desert dust outbreak registered over the Iberian peninsula mixed with a forest fire episode. Columnar properties with sensing techniques.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Salzburgo, Austria

**Date of event:** 09/09/2007

**End date:** 14/09/2007

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Cachorro V.E.; Prats N.; Sorribas M.; Toledano C.; Mogo S.; Berjón A.; De Frutos A.M.; De la Morena B.A."Book of Abstract". T13A062,

**79 Title of the work:** Aerosol optical properties of arctic aerosol derived from CIMEL sun photometer measurements in 2002-2006 at the ALOMAR station.

**Name of the conference:** 34th Annual European Meeting on Atmospheric Studies by Optical Methods.

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Andoya, Norway

**Date of event:** 26/08/2007

**End date:** 31/08/2007

**Organising entity:** Andoya Rocket Range

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

E. Rodriguez; V.E. Cachorro; S. Blindheim; N. Prats; S. Mogo; A. Berjón; B. Torres; C. Toledano; P. Ortiz; A.M. de Frutos; M. Sorribas; A. Bastidas; E. Montilla; M. Gausa; K. Stebel."Abstract, p1."

**80 Title of the work:** Eight years (2000-2007) of experience of Cimel photometer measurements at 'ESAt-El Arenosillo' (southwestern) Spain.

**Name of the conference:** 34th Annual European Meeting on Atmospheric Studies by Optical Methods.

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Andoya, Norway

**Date of event:** 26/08/2007

**End date:** 31/08/2007

**Organising entity:** Andoya Rocket Range

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Cachorro V.E.; Toledano C.; Prats N.; Sorribas M.; Berjón A.; De Frutos A.M.; De la Morena B.A."Abstract, p1."



- 81** **Title of the work:** Ground-based tropospheric aerosol number size distribution in southwestern Sapin by means of an air masses origin analysis.  
**Name of the conference:** 34th Annual European Meeting on Atmospheric Studies by Optical Methods.  
**Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**City of event:** Andoya, Norway  
**Date of event:** 26/08/2007  
**End date:** 31/08/2007  
**Organising entity:** Andoya Rocket Range  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
M. Sorribas; V.E. Cachorro; C. Toledano; N. Prats; J.F. López; A.M. de Frutos; B.A. de la Morena."Abstract, p1."
- 82** **Title of the work:** RIMA: Iberian Network for photometric aerosol measurements.  
**Name of the conference:** 34th Annual European Meeting on Atmospheric Studies by Optical Methods.  
**Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**City of event:** Andoya, Norway  
**Date of event:** 26/08/2007  
**End date:** 31/08/2007  
**Organising entity:** Andoya Rocket Range  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
V.E. Cachorro; A. M. de Frutos; A. Berjón; M. Sorribas; N. Prats; B.A. de la Morena."Abstract, p1."
- 83** **Title of the work:** Desert dust events over south-western Spain in 2000-2006.  
**Name of the conference:** ACCENT (Atmospheric Composition Change Causes and Consequences – Local to Global)  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Urbino, Italy  
**Date of event:** 22/07/2007  
**End date:** 27/07/2007  
**Organising entity:** ACCENT  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
C. Toledano; V.E. Cachorro; N. Prats; R. Rodrigo; A.M. de Frutos; B. Torres; M. Sorribas; B.A. de la Morena."Atmospheric composition Change - Causes and Consequences - Local to Global". Editors: Michela Mione, Sandro Fuzzi, ISBN 978-88-548-2268-9
- 84** **Title of the work:** Evolution of total and modal particle number concentrations at El Arenosillo Station (southwest-Spain), July2004 - July 2005.  
**Name of the conference:** ACCENT (Atmospheric Composition Change Causes and Consequences – Local to Global)  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Urbino, Italy  
**Date of event:** 22/07/2007  
**End date:** 27/07/2007  
**Organising entity:** ACCENT  
**With external admission assessment committee:** Yes





M. Sorribas; V.E. Cachorro; B. Wehner; W. Birmili; N. Prats; J.F. López; A. Wiedensohler; A.M. de Frutos; B.A. de la Morena. "Atmospheric composition Change - Causes and Consequences - Local to Global".  
Editors: Michela Mione, Sandro Fuzzi, ISBN 978-88-548-2268-9

- 85** **Title of the work:** Chemical characterization of PM10, PM2.5 and PM1 in southern iberia during the El Arenosillo 2006 Campaign.  
**Name of the conference:** I Spanish Meeting on Aerosol Science and Technology.  
**Geographical area:** National  
**Type of participation:** 'Participatory - poster  
**City of event:** Madrid, Spain  
**Date of event:** 05/07/2007  
**End date:** 06/07/2007  
**Organising entity:** Universidad Nacional de Educación a Distancia  
**Type of entity:** University  
**Publication in conference proceedings:** Yes  
**With external admission assessment committee:** Yes  
J. Pey; X. Querol; J. de la Rosa; Y. González; A. Alastuey; A. Sánchez de la Campa; L. Alados; M. Sorribas; G. Gangoi; C. Pio. "Book of abstracts". P2.17,
- 86** **Title of the work:** Estudio de los aerosoles atmosféricos por el GOA-UVA.  
**Name of the conference:** I Spanish Meeting on Aerosol Science and Technology.  
**Geographical area:** National  
**Type of participation:** Participatory - oral communication  
**City of event:** Madrid, Spain  
**Date of event:** 05/07/2007  
**End date:** 06/07/2007  
**Organising entity:** Universidad Nacional de Educación a Distancia  
**Type of entity:** University  
**Publication in conference proceedings:** Yes  
**With external admission assessment committee:** Yes  
V.E. Cachorro; A.M. de Frutos; B.A. de la Morena; A. Berjón; M. Sorribas; C. Toledano; S. Mogo; N. Prats; E. Rodriguez; R. Rodrigo; J.F. López; W. Montilla; B. Torres; J.P. Ortiz. "Book of abstract". O1.6,
- 87** **Title of the work:** Levels and chemical composition of PM10 and PM2.5 in a rural monitoring station (El Arenosillo, SW of Spain)  
**Name of the conference:** I Spanish Meeting on Aerosol Science and Technology.  
**Geographical area:** National  
**Type of participation:** Participatory - oral communication  
**City of event:** Madrid, Spain  
**Date of event:** 05/07/2007  
**End date:** 06/07/2007  
**Organising entity:** Universidad Nacional de Educación a Distancia  
**Type of entity:** University  
**Publication in conference proceedings:** Yes  
**With external admission assessment committee:** Yes  
Y. González Castanedo; J.D. de la Rosa; A.M. Sánchez de la Campa; A. Alastuey; X. Querol; V.E. Cachorro; M. Sorribas; J.P. Bolivar. "Book of abstracts". O1.7,
- 88** **Title of the work:** Measuring 'in situ' tropospheric aerosol properties at El Arenosillo Station (southwest-Spain)  
**Name of the conference:** I Spanish Meeting on Aerosol Science and Technology.  
**Geographical area:** National



**Type of participation:** Participatory - oral communication

**City of event:** Madrid, Spain

**Date of event:** 05/07/2007

**End date:** 06/07/2007

**Organising entity:** Universidad Nacional de Educación a Distancia

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

M. Sorribas; S. Mogo; V.E. Cachorro; J.F. López; N. Prats; E. Montilla; B. Wehner; W. Birmili; A.M. Sánchez de la Campa; Y. González; J. de la Rosa; A. Wiedensohler; A.M. de Frutos; B.A. de la Morena. "Book of abstracts". O1.8,

**89 Title of the work:** Measurement of Aerosols Absorption Spectra in the Range 320-800 nm Via Optical Method.

**Name of the conference:** 5º Simposio de Meteorología y Geodesia

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Peniche, Portugal

**Date of event:** 05/02/2007

**End date:** 08/02/2007

**Organising entity:** ASOCIACION PORTUGUESA DE METEOROLOGIA Y GEODESIA

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

Mogo S.; Cachorro V.E.; De Frutos A.M.; M. Sorribas. "Book of Abstracts".

**90 Title of the work:** Análisis de Parámetros Ópticos de Aerosoles durante un fuerte Episodio de Intrusión de Polvo Sahariano en la Península Ibérica.

**Name of the conference:** VIII Reunión Nacional de Óptica

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Alicante, Spain

**Date of event:** 18/09/2006

**End date:** 22/09/2006

**Organising entity:** SOCIEDAD ESPAÑOLA DE OPTICA SEDO

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

Mogo S.; Sorribas M.; Cachorro V.E.; Toledano C.; De Frutos A.M. "Book of Abstracts".

**Legal deposit:** B-42325-2006

**91 Title of the work:** Inventario de episodios de aerosol desértico en la estación de El Arenosillo en el periodo 2000-2004.

**Name of the conference:** VIII Reunión Nacional de Óptica

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**City of event:** Alicante, Spain

**Date of event:** 18/09/2006

**End date:** 22/09/2006

**Organising entity:** SOCIEDAD ESPAÑOLA DE OPTICA SEDO

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

Toledano C.; Cachorro V.E.; Sorribas M.; De Frutos A.M.; De la Morena B.A. "Book of Abstracts".

**Legal deposit:** B-42325-2006



- 92** **Title of the work:** Aerosol Optical Parameters During El Arenosillo 2004 Summer.  
**Name of the conference:** Conference on Visibility, Aerosols and Atmospheric Optics  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster'  
**City of event:** Viena, Austria  
**Date of event:** 03/09/2006  
**End date:** 06/09/2006  
**Organising entity:** Universidad de Viena  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
S. Mogo; M. Sorribas; V.E Cachorro; A. De Frutos; J. De la Rosa."Book of Abstracts". 2003.
- 93** **Title of the work:** Aerosol optical depth climatology at the AERONET site 'El Arenosillo'  
**Name of the conference:** Conference on Visibility, Aerosols and Atmospheric Optics  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster'  
**City of event:** Viena, Austria  
**Date of event:** 03/09/2006  
**End date:** 06/09/2006  
**Organising entity:** Universidad de Viena  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
C. Toledano; V.E Cachorro; A. de Frutos; M. Sorribas; A. Berjón; N. Prats; B.A. de la Morena. "Book of Abstracts". 2003.
- 94** **Title of the work:** Characterization of sub-micron number particle size distribution measurements at El Arenosillo Station (south-western, Spain) during periods with prevalence of the accumulation mode.  
**Name of the conference:** Conference on Visibility, Aerosols and Atmospheric Optics  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster'  
**City of event:** Viena, Austria  
**Date of event:** 03/09/2006  
**End date:** 06/09/2006  
**Organising entity:** Universidad de Viena  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
Sorribas M.; Cachorro V.E.; Wehner B.; Birmili W.; Toledano C.; Mogo S.; Wiedensohler A.; De Frutos A.M.; De la Morena B.A."Book of Abstracts". 2003.
- 95** **Title of the work:** Columnar Properties Retrieved from Cimel Radiometers during Veleta 2002.  
**Name of the conference:** Conference on Visibility, Aerosols and Atmospheric Optics  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster'  
**City of event:** Viena, Austria  
**Date of event:** 03/09/2006  
**End date:** 06/09/2006  
**Organising entity:** Universidad de Viena  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes



Alados-Arboledas L.; Alcántara A.; Olmo F.J.; Martínez-Lozano J.A.; Estellés V.; Cachorro V.E.; Silva A.; Horvath H.; Gangl M.; Díaz A.; Pujadas M.; Llorente J.; Labajo A.; Sorribas M.; Pavese G."Book of Abstracts". 2003.

- 96** **Title of the work:** Desert dust events over the south western Iberian Peninsula in 2000-2005.  
**Name of the conference:** Conference on Visibility, Aerosols and Atmospheric Optics  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 03/09/2006  
**End date:** 06/09/2006  
**Organising entity:** Universidad de Viena  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
C. Toledano; V.E. Cachorro; A. De Frutos; N. Prats; M. Sorribas; B.A. de la Morena. "Book of Abstracts".

- 97** **Title of the work:** Evaluation of desert dust outbreaks by sunphotometer-AERONET data in the southwestern of The Iberian Peninsula during 2000-2004.  
**Name of the conference:** EGU General Assembly  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 03/04/2006  
**End date:** 07/04/2006  
**Organising entity:** European Geophysical Union  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
Cachorro V.; Toledano C.; Sorribas M; de Frutos A.; De la Morena B.A.; Berjón A."Geophysical Research Abstracts". 8 - 07502, 2003. ISSN 1607-7962

- 98** **Title of the work:** The imaginary refractive index and black carbon levels of particulate matter collected in "El Arenosillo" (Spain).  
**Name of the conference:** EGU General Assembly  
**Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Viena, Austria  
**Date of event:** 03/04/2006  
**End date:** 07/04/2006  
**Organising entity:** European Geosciences Union  
**Publication in conference proceedings:** Yes **With external admission assessment committee:** Yes  
Mogo, S.; Cachorro, V.; Sorribas, M.; de Frutos, A.; De la Rosa J.; Vilaplana J.M.; D la Morena, B."Geophysical Research Abstracts". 8 - 07380, 2003. ISSN 1607-7962

- 99** **Title of the work:** Análisis de la Evolución de las Distribuciones de Tam  
**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica  
**Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**City of event:** Sevilla, Spain  
**Date of event:** 30/01/2006  
**End date:** 03/02/2006  
**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)



**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; V.E. Cachorro; A.M. de Frutos; B.A. de la Morena."Book of Abstracts". 1, pp. 1 - 4. 2030. ISSN 0213-6198

**100 Title of the work:** Campaña Experimental de Estudio de los Aerosoles Atmosféricos en El Arenosillo: verano 2004. Resultados Preliminares.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

S. Mogo; V.E. Cachorro; A.M. de Frutos; M. Sorribas; J. de la Rosa; B.A. de la Morena; N.Prats; C. Toledano; B. Torres; R. Rodrigo; A.M. Sánchez de la Campa; J.A. Adame; J.M. Vilaplana; J.P. Bolívar."Book of Abstracts". ISSN 0213-6198

**101 Title of the work:** Campaña Experimental "El Arenosillo, Huelva:2004"- Niveles y composición química de PM10.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J. de la Rosa; A. M. Sánchez de la Campa; Y. González; M.Sorribas; S. Mogo; J.A. Adame; V.E. Cachorro; A.M. de Frutos; B.A. de la Morena; J.P. Bolívar."Book of Abstracts". ISSN 0213-6198

**102 Title of the work:** Caracterización General de la Estación de Monitorización de Propiedades de los Aerosoles Atmosféricos in situ en El Arenosillo.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; V.E. Cachorro; S. Mogo; A.M. de Frutos; B.A. de la Morena."Book of Abstracts". ISSN 0213-6198

**103 Title of the work:** Caracterización de la Intrusión Sahariana más Fuerte Registrada por Técnicas Fotométricas en la Península Ibérica.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union





**Type of participation:** Participatory - oral communication

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V.E. Cachorro; N. Prats; C. Toledano; M. Sorribas; S.Mogo; B. Torres; R. Rodrigo; A.M. de Frutos; J. De la Rosa; A.M. Sánchez de la Campa; J.A. Adame; J.M. Vilaplana; B.A. de la Morena; J.P. Bolívar. "Book of Abstracts". 1, pp. 1 - 4. ISSN 0213-6198

**104 Title of the work:** Clasificación de Masas de Aire en la Estación de El Arenosillo (Huelva) y su Relación con los Parámetros de Aerosoles AOD y alfa.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Toledano; V.E. Cachorro; A.M. de Frutos; N.Prats; B. Torres; A. Pérez; M. Sorribas; B.A. de la Morena."Book of Abstracts". ISSN 0213-6198

**105 Title of the work:** Climatología de los Aerosoles Mediante Medidas Radiométricas en la Estación El Arenosillo de la Red AERONET.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Toledano; V.E. Cachorro; A.M. de Frutos; M. Sorribas; N. Prats; B.A. de la Morena."Book of Abstracts". 2030. ISSN 0213-6198

**106 Title of the work:** Inventario de Episodios de Aerosol Desértico en el Suroeste de la Península Ibérica en el Periodo 2000-2004 a partir de Medidas Fotométricas de la Red AERONET.

**Name of the conference:** 5ª Asamblea Hispano Lusa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Sevilla, Spain

**Date of event:** 30/01/2006

**End date:** 03/02/2006

**Organising entity:** INSTITUTO DE ASTRONOMIA Y GEODESIA (IAG-CSIC-UCM)

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Toledano; V.E. Cachorro; A.M. de Frutos; M. Sorribas; B.A. de la Morena."Book of Abstracts". 2030. ISSN 0213-6198





**107 Title of the work:** Aerosol characterization at El Arenosillo (Huelva, Spain) with an AERONET/PHOTONS Cimel sunphotometer

**Name of the conference:** EGU General Assembly

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Viena,

**Date of event:** 24/04/2005

**End date:** 29/04/2005

**Organising entity:** European Geophysical Union

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Cachorro V.; Toledano C.; Vergaz R.; de Frutos A.M.; Sorribas M.; Vilaplana J.M.; de la Morena B.A."Geophysical Research Abstracts". 7 - 08559, ISSN 1607-7962

**108 Title of the work:** UV-Visible light absorption and size distribution of particulate matter collected in "El Arenosillo" (Spain).

**Name of the conference:** EGU General Assembly

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Viena, Austria

**Date of event:** 24/04/2005

**End date:** 29/04/2005

**Organising entity:** European Geophysical Union

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Mogo, S.; Cachorro, V.; Sorribas, M.; de Frutos, A.M.; Vilaplana, J.M.; de la Rosa, J.; Fernández, R.; de la Morena, B."Geophysical Research Abstracts". 7 - 08484, 2004. ISSN 1607-7962

**109 Title of the work:** KCICLO correction method for the observed fictitious diurnal cycle of the aerosol optical depth.

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Budapest, Hungary

**Date of event:** 06/09/2004

**End date:** 10/09/2004

**Organising entity:** EUROPEAN AEROSOL ASSEMBLY

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V.E. Cachorro; C. Toledano; A.M. de Frutos; S. Mogo; A. Berjón; M. Sorribas; J.M. Vilaplana; R. Vergaz; B.A. De la Morena. "Journal of Aerosol Science, Abstracts of the European Aerosol Conference". pp. S451 - S452.

**110 Title of the work:** Characterization of a Saharan Dust Even During Veleta 2002 (Spain) Campaign.

**Name of the conference:** 22th International Laser Radar Conference

**Geographical area:** European Union

**Type of participation:** 'Participatory - poster

**City of event:** Matera, Italy

**Date of event:** 12/07/2004

**End date:** 16/07/2004

**Organising entity:** EUROPEAN SPACE AGENCY



**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Fernando Molero; Victoria Cachorro; Manuel Pujadas; Sandra Mogo; Mar Sorribas; Jose Antonio Martínez-Lozano; Lucas Alados-Arboledas; Jeronimo Lorente; Juan Pedro Díaz; Antonio Labajo; J.M. Vilaplana; Benito De la Morena; Jose Antonio Rodrigues; Ana Maria Silva; Helmut Horvath. "Proceedings (ILRC2004)". 1 - ESA SP-561, pp. 531 - 534.

**111 Title of the work:** Comparative Measurements of Total Ozone Amount and Aerosol Optical Depth During a Campaign at El Arenosillo, Huelva, Spain.

**Name of the conference:** EGU General Assembly

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Nice, France

**Date of event:** 25/04/2004

**End date:** 30/04/2004

**Organising entity:** European Geosciences Union

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

A. De La Casinière; V. Cachorro; I. Smolskaia; J. Lenoble; M. Sorribas; M. Houët. "Geophysical Research Abstracts". 6 - 02647, ISSN 1607-7962

**112 Title of the work:** Caracterización de la Respuesta Angular de un Piranómetro YES UVB-1.

**Name of the conference:** 4º Asamblea Hispano – Portuguesa de Geodesia y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Figueira da Foz, Portugal

**Date of event:** 03/02/2004

**End date:** 07/02/2004

**Organising entity:** ASAMBLEA HISPANO - PORTUGUESA

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

M. Sorribas; J.M. Vilaplana; A.M. de Frutos; V.E. Cachorro; B.A. de la Morena. "Book of abstracts". 1, pp. 173 - 174.

**113 Title of the work:** Investigación Científica Realizada en los Últimos

**Name of the conference:** 4º Asamblea Hispano – Portuguesa de Geodesia y Geofísica

**Type of participation:** Participatory - poster

**City of event:** Figueira da Foz, Portugal

**Date of event:** 03/02/2004

**End date:** 07/02/2004

**Organising entity:** ASAMBLEA HISPANO - PORTUGUESA

**Publication in conference proceedings:** Yes

J.A. Adame; C. Casal; M. Sorribas; J.M. Vilaplana; N. Mélida; J.P. Bolívar; A.M. de Frutos; V.E. Cachorro; B.A. de la Morena. "Book of abstracts". pp. 219 - 220.

**114 Title of the work:** Instrumentación e Investigación Medio Ambiental en la Estación de Sondeos Atmosféricos "El Arenosillo" (Huelva).

**Name of the conference:** 3º Congreso Nacional de Ciencias Ambientales

**Geographical area:** National

**Type of participation:** Participatory - poster

**City of event:** Elche, Spain

**Date of event:** 06/11/2003



**End date:** 08/11/2003

**Organising entity:** FUNDACION CONAMA - MINISTERIO DE MEDIOAMBIENTE

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

C. Casal; M. Sorribas; A. Salguero; J.A. Adame; J.M. Vilaplana; J.P. Bolivar; B. de la Morena; C. Vilchez.  
"Book of abstracts". 1, pp. 255 - 259. ISBN 84-95893-96-7

**115 Title of the work:** Calibration Facilities at Atmospheric Sounding Station "El Arenosillo" (INTA-HUELVA)

**Name of the conference:** 1ª Reunión Internacional sobre Física Aplicada

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Badajoz, Spain

**Date of event:** 13/10/2003

**End date:** 18/10/2003

**Organising entity:** Universidad de Extremadura

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.M. Vilaplana; M. Sorribas; B. De la Morena; A. M. de Frutos; A. Berjón; V.E. Cachorro. "Books of abstracts, APHYS2003".

**116 Title of the work:** Outdoor Calibration and Angular Response Characterization of a Broadband Yankee UVB-1.

**Name of the conference:** 1ª Reunión Internacional sobre Física Aplicada

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Badajoz, Spain

**Date of event:** 13/10/2003

**End date:** 18/10/2003

**Organising entity:** Universidad de Extremadura

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.M. Vilaplana; M. Sorribas; C. Casal; B. De la Morena; V. Cachorro; A.M. de Frutos. "Books of abstracts, APHYS2003".

**117 Title of the work:** The Photons – Aeronet Network Stations in Spain..

**Name of the conference:** 1ª Reunión Internacional sobre Física Aplicada.

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Badajoz, Spain

**Date of event:** 13/10/2003

**End date:** 18/10/2003

**Organising entity:** Universidad de Extremadura

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V.E. Cachorro; C. Toledano; R. Vergaz; A. M. de Frutos; M. Sorribas; J.M. Vilaplana; B.A. de la Morena.  
"Books of abstracts, APHYS2003".

**118 Title of the work:** Aerosol Arctic Campaign at ALOMAR in June-July 2002

**Name of the conference:** ARI (Access to Research Infrastructure) Users Meeting

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Rauris, Austria



**Date of event:** 24/09/2003

**End date:** 26/09/2003

**Organising entity:** ACCESS TO RESEARCH INFRASTRUCTURE

**With external admission assessment committee:** Yes

V.E. Cachorro; C.Toledano; R. Vergaz; M. Sorribas; A.M. de Frutos. "Book of abstracts".

**119 Title of the work:** Determinación de los Parámetros de Aerosoles en la Campaña Ártica del GOA-UVA en Junio-Julio de 2002.

**Name of the conference:** VII Reunión Nacional de Óptica

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Santander, Spain

**Date of event:** 08/09/2003

**End date:** 12/09/2003

**Organising entity:** SOCIEDAD ESPAÑOLA DE OPTICA SEDO

**With external admission assessment committee:** Yes

V. Cachorro; C. Toledano; M. Sorribas; R.Vergaz; A. M. de Frutos."Book of Abstracts". pp. 186. ISBN 84-8102-348-5

**120 Title of the work:** La Base de Datos de Aerosoles en la Estación de "El Arenosillo" (Huelva) incluida en la Red AERONET.

**Name of the conference:** VII Reunión Nacional de Óptica

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Santander, Spain

**Date of event:** 08/09/2003

**End date:** 12/09/2003

**Organising entity:** SOCIEDAD ESPAÑOLA DE OPTICA SEDO

**With external admission assessment committee:** Yes

V. Cachorro; M. Sorribas; C. Toledano; R. Vergaz; A. M. de Frutos; J.M. Vilaplana; B. De la Morena."Book of Abstracts,". 2, pp. 63. ISBN 84-8102-348-5

**121 Title of the work:** Aerosol Arctic Campaign 2002 at Alomar (Andenes, Norway).

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Madrid, Spain

**Date of event:** 31/08/2003

**End date:** 05/09/2003

**Organising entity:** Universidad Nacional de Educación a Distancia

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

V. Cachorro; C. Toledano; R. Vergaz; M. Sorribas; A. M. de Frutos."J. Aerosol Sci., Abstracts of the EAC2003". pp. S1113 - S1114. ISSN 0021-8502

**122 Title of the work:** Aerosol Monitoring Database with an Aeronet-Cimel Sunphotometer at El Arenosillo Station (Huelva).

**Name of the conference:** European Aerosol Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Madrid, Spain



**Date of event:** 31/08/2003

**End date:** 05/09/2003

**Organising entity:** Universidad Nacional de Educación a Distancia

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

V. Cachorro; C. Toledano; R. Vergaz; M. Sorribas; J.M. Vilaplana; B. De la Morena; A.M. de Frutos. "J. Aerosol Sci., Abstracts of the EAC2003,". ISSN 0021-8502

**123 Title of the work:** A Local Climatology of Aerosol Based on Spectral Characteristics and Air Masses Analysis at "El Arenosillo" (Spain) station.

**Name of the conference:** International Geoscience and Remote Sensing Symposium.

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Toulouse, France

**Date of event:** 21/07/2003

**End date:** 25/07/2003

**Organising entity:** IEEE: INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

**Publication in conference proceedings:** Yes

**With external admission assessment committee:** Yes

R. Vergaz; V.E. Cachorro; C. Toledano; A. M. de Frutos; J.M. Vilaplana; M. Sorribas; B.A. de la Morena. "Proceeding of IGARSS 2003". 2, pp. 1287 - 1289. ISBN 0-7803-7929-2

**124 Title of the work:** Aerosol Arctic Campaign at ALOMAR (69N, 16E, Norway) in June – July 2002.

**Name of the conference:** International Geoscience and Remote Sensing Symposium.

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Toulouse, France

**Date of event:** 21/07/2003

**End date:** 25/07/2003

**Organising entity:** IEEE: INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

**With external admission assessment committee:** Yes

Carlos Toledano; Victoria E. Cachorro; Angel M. de Frutos; R. Vergaz; Mar Sorribas. "Proceeding of IGARSS 2003". 4, pp. 2185 - 2187. ISBN 0-7803-7929-2

**125 Title of the work:** Campaña de Aerosoles Árticos en ALOMAR (69N, 16E, Noruega) en Junio-Julio de 2002.

**Name of the conference:** 3º Simposio de Meteorología y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Aveiro, Portugal

**Date of event:** 10/02/2003

**End date:** 13/02/2003

**Organising entity:** Universidad de Aveiro

**Type of entity:** University

**With external admission assessment committee:** Yes

V. Cachorro; C. Toledano; R. Vergaz; M. Sorribas; A. M. de Frutos. "Book of Abstracts". pp. 409 - 414. ISBN 972-99276-0-X

**126 Title of the work:** La base de datos de aerosoles en "El Arenosillo" (Huelva)

**Name of the conference:** 3º Simposio de Meteorología y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication





**City of event:** Aveiro, Portugal

**Date of event:** 10/02/2003

**End date:** 13/02/2003

**Organising entity:** Universidad de Aveiro

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V. Cachorro; R. Vergaz; C. Toledano; A. M. de Frutos; M. Vilaplana; M. Sorribas; B. de la Morena. "Book of Abstracts". pp. 396 - 399. ISBN 972-99276-0-X

**127 Title of the work:** Medidas de Irradiancia Solar Eritémica con Instrumentos de Banda Ancha (Yes y Eldonet)

**Name of the conference:** 3º Simposio de Meteorología y Geofísica

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**City of event:** Aveiro, Portugal

**Date of event:** 10/02/2003

**End date:** 13/02/2003

**Organising entity:** Universidad de Aveiro

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

J.M. Vilaplana; C.Casal; M.Sorribas; V.E. Cachorro; A.M. de Frutos; B.A. de la Morena."Book of Abstracts". pp. 421 - 424. ISBN 972-99276-0-X

**128 Title of the work:** Calibración de un biómetro Yankee UVB-1 basada en mediciones espectrales de un espectrofotómetro Brewer de doble monocromador.

**Name of the conference:** 3º Asamblea Hispano Portuguesa de Geodesia y Geofísica

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**City of event:** Valencia, Spain

**Date of event:** 04/02/2002

**End date:** 08/02/2002

**Organising entity:** Universidad Politécnica de Valencia

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

Vilaplana J.M.; Sorribas M.; Luccini E.; Vergaz R.; Cachorro V.; Piacentini R.; Frías C.; De la Morena B.; De Frutos A."Book of Proceedings". 2 - S13, pp. 1204 - 1208. ISBN 84-9705-299-4

**129 Title of the work:** Comparación entre medidas experimentales de la irradiancia eritémica (o el índice ultravioleta UVI) y el modelo UVA-GOA.

**Name of the conference:** 3º Asamblea Hispano Portuguesa de Geodesia y Geofísica.

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**City of event:** Valencia, Spain

**Date of event:** 04/02/2002

**End date:** 08/02/2002

**Organising entity:** Universidad Politécnica de Valencia

**Type of entity:** University

**Publication in conference proceedings:** Yes

**With external admission assessment committee:**  
Yes

V.E.Cachorro; M.Sorribas; J.M.Vilaplana; M.P. Corrêa; R.Vergaz; C.Toledano; A.M.De Frutos. "Book of Proceedings". 2 - S13, pp. 1229 - 1233. ISBN 84-9705-299-4





- 130** **Title of the work:** Descripción y estudio de sensibilidad del modelo de radiación ultravioleta UVA-GOA.  
**Name of the conference:** 3º Asamblea Hispano Portuguesa de Geodesia y Geofísica  
**Geographical area:** National  
**Type of participation:** Participatory - oral communication  
**City of event:** Valencia, Spain  
**Date of event:** 04/02/2002  
**End date:** 08/02/2002  
**Organising entity:** Universidad Politécnica de Valencia  
**Type of entity:** University  
**Publication in conference proceedings:** Yes  
**With external admission assessment committee:** Yes  
 V.E.Cachorro; R.Vergaz; M.Sorribas; A.M.De Frutos. "Book of Proceedings". 2 - S13, pp. 1219 - 1223. ISBN 84-9705-299-4

### Other dissemination activities

- 1** **Title of the work:** Long-term study of new particle formation in a coastal environment: meteorology, gas phase and solar radiation implications  
**Name of the event:** Seminarios del Área de Investigación e Instrumentación Atmosférica de INTA  
**Type of event:** Conferences given  
**City of event:** Mazagón (Huelva), Spain  
**Date of event:** 07/03/2014  
**Organising entity:** Instituto Nacional de Técnica Aeroespacial  
**Type of entity:** Public Research Body
- 2** **Title of the work:** La Radiación Ilegó a Huelva 15 días después del accidente de Fukushima  
**Type of event:** Media interviews  
**Geographical area:** Regional  
**City of event:** Mazagón, 10/07/2011, Spain  
**Date of event:** 10/07/2011  
**Organising entity:** Periódico Huelva Información
- 3** **Title of the work:** Las partículas ultrafinas y su relación con la calidad del aire y el cambio climático  
**Name of the event:** Seminarios del Centro Andaluz de Medioambiente  
**Type of event:** Conferences given  
**City of event:** Granada, 29/04/2011, Spain  
**Date of event:** 29/04/2011  
**Organising entity:** Universidad de Granada  
**Type of entity:** University  
 Dr. M. Sorribas.
- 4** **Title of the work:** Investigación del INTA sobre las propiedades físicas y ópticas del aerosol atmosférico 'in-situ'  
**Name of the event:** 5ª Jornada Técnica de Álava Ingenieros. Caracterización de partículas en el mundo real  
**Type of event:** Conferences given  
**City of event:** Barcelona, 01/12/2010, Spain  
**Date of event:** 01/12/2010  
**Organising entity:** ALAVA INGENIEROS, S.A.  
 Dra. Mar Sorribas.



- 5** **Title of the work:** El INTA investiga la incidencia de partículas ultrafinas en la salud  
**Type of event:** Media interviews **Geographical area:** Regional  
**City of event:** Mazagón, 15/05/2010, Spain  
**Date of event:** 15/05/2010  
**Organising entity:** Periódico Huelva Información
- 6** **Title of the work:** El INTA evidencia que el aire que respiramos está cada vez más sucio  
**Type of event:** Media interviews **Geographical area:** Regional  
**City of event:** Mazagón, 24/01/2005, Spain  
**Date of event:** 24/01/2005  
**Organising entity:** Periódico Huelva Información  
M. Sorribas.
- 7** **Title of the work:** Caracterización de la instrumentación para estudios de aerosoles atmosféricos  
**Name of the event:** Seminarios de Física Aplicada  
**Type of event:** Conferences given  
**City of event:** Huelva, 21/02/2003, Spain  
**Date of event:** 21/02/2003  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
Mar Sorribas.

## R&D management and participation in scientific committees

### Organization of R&D activities

- 1** **Title of the activity:** Campaña de Intercomparación de la Red Española de DMAs Ambientales (REDMAAS)  
**Type of activity:** Campaña de Intercomparación **Geographical area:** National  
**City of event:** Mazagón, Germany  
**Convening entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body  
**Type of participation:** Organiser  
**N° assistants:** 11  
**Start-End date:** 17/02/2014 - 21/02/2014 **Duration:** 5 days
- 2** **Title of the activity:** Campaña de Intercomparación de la Red Española de DMAs Ambientales (REDMAAS)  
**Type of activity:** Campaña de Intercomparación **Geographical area:** National  
**City of event:** Mazagón, Andalusia, Spain  
**Convening entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas **Type of entity:** Public Research Body  
**Type of participation:** Organiser  
**N° assistants:** 13  
**Start-End date:** 11/11/2012 - 21/11/2012 **Duration:** 11 days
- 3** **Title of the activity:** European Aerosol Conference  
**Type of activity:** Conferencia **Geographical area:** European Union  
**City of event:** Granada, Andalusia, Spain  
**Convening entity:** Universidad de Granada **Type of entity:** University  
**Type of participation:** Organiser



**Nº assistants:** 800

**Start-End date:** 02/09/2012 - 07/09/2012

**Duration:** 6 days

**4 Title of the activity:** Campaña de Intercomparación de la Red Española de DMAs Ambientales (REDMAAS)

**Type of activity:** Campaña de Intercomparación

**Geographical area:** National

**City of event:** Mazagón, Germany

**Convening entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas

**Type of entity:** Public Research Body

**Type of participation:** Organiser

**Nº assistants:** 10

**Start-End date:** 03/10/2011 - 08/10/2011

**Duration:** 6 days

**5 Title of the activity:** Campaña de Intercomparación de la Red Española de DMAs Ambientales (REDMAAS)

**Type of activity:** Campaña de Intercomparación

**Geographical area:** National

**City of event:** Mazagón, Andalusia, Spain

**Convening entity:** Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas

**Type of entity:** Public Research Body

**Type of participation:** Organiser

**Nº assistants:** 10

**Start-End date:** 18/04/2010 - 24/04/2010

**Duration:** 7 days

**6 Title of the activity:** Campaña DOMINO

**Type of activity:** Campaña Experimental

**Geographical area:** European Union

**City of event:** Mazagón, Spain

**Convening entity:** Max Plank Institute for Chemistry

**City convening entity:** Mainz, Germany

**Type of participation:** Organiser

**Nº assistants:** 30

**Start-End date:** 14/11/2008 - 12/12/2008

**Duration:** 29 days

**7 Title of the activity:** Campaña de Medida de la Red Temática DAMOCLES

**Type of activity:** Campaña Experimental

**Geographical area:** European Union

**City of event:** Mazagón, Andalusia, Spain

**Convening entity:** Universitat de València

**Type of participation:** Organiser

**Nº assistants:** 50

**Start-End date:** 27/06/2006 - 05/07/2006

**Duration:** 9 days

**8 Title of the activity:** AERONET Workshop

**Type of activity:** Workshop

**Geographical area:** Non EU International

**City of event:** Mazagón, Andalusia, Spain

**Convening entity:** NASA

**City convening entity:** United States of America

**Type of participation:** Organiser

**Nº assistants:** 130

**Start-End date:** 10/05/2004 - 14/05/2004

**Duration:** 5 days



- 9** **Title of the activity:** 8th Biennial Brewer User's Group Workshop  
**Type of activity:** Workshop **Geographical area:** European Union  
**City of event:** Mazagón, Andalusia, Spain  
**Convening entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Type of participation:** Organiser  
**N° assistants:** 30  
**Start-End date:** 28/09/2003 - 02/02/2003 **Duration:** 5 days

## R&D management

**Name of the activity:** Gestión del Grupo de Aerosoles Atmosféricos del Observatorio de El Arenosillo  
**Type of management:** Group management  
**Performed tasks:** Responsable del Grupo de Aerosoles Atmosféricos del Observatorio de El Arenosillo  
**Entity:** Instituto Nacional de Técnica Aeroespacial **Type of entity:** Public Research Body  
**Start date:** 10/05/2008 **Duration:** 2 years - 11 months - 10 days

## Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Revisor  
**Performed tasks:** Revisión de Artículos de Investigación  
**Entity where activity was carried out:** Science of Total Environment  
**Type of activity:** Review of articles in scientific or technological journals **Frequency of the activity:** 2  
**Geographical area:** Non EU International  
**Start date:** 2014
- 2** **Name of the activity:** Revisor  
**Performed tasks:** Revisión de Artículos de Investigación  
**Entity where activity was carried out:** Aerosol and Air Quality Research  
**City of entity:** Taiwan  
**Type of activity:** Review of articles in scientific or technological journals **Frequency of the activity:** 1  
**Geographical area:** European Union  
**Start date:** 2013
- 3** **Name of the activity:** Revisor  
**Performed tasks:** Revisión de Artículos de Investigación  
**Entity where activity was carried out:** Advances in Meteorology  
**City of entity:** Egypt  
**Type of activity:** Review of articles in scientific or technological journals **Frequency of the activity:** 1  
**Geographical area:** European Union  
**Start date:** 2013
- 4** **Name of the activity:** Revisor  
**Performed tasks:** Revisión de Artículos de Investigación  
**Entity where activity was carried out:** Atmospheric Environment  
**City of entity:** United States of America



**Type of activity:** Review of articles in scientific or technological journals

**Frequency of the activity:** 1

**Geographical area:** Non EU International

**Start date:** 2013

**5 Name of the activity:** Revisor

**Performed tasks:** Revisión de Artículos de Investigación

**Entity where activity was carried out:** Atmospheric Chemistry and Physics

**City of entity:** Germany

**Type of activity:** Review of articles in scientific or technological journals

**Frequency of the activity:** 1

**Geographical area:** European Union

**Start date:** 2011

**6 Name of the activity:** Revisor

**Performed tasks:** Revisión de Artículos de Investigación

**Entity where activity was carried out:** Atmospheric Research

**City of entity:** Germany

**Type of activity:** Review of articles in scientific or technological journals

**Frequency of the activity:** 9

**Geographical area:** European Union

**Start date:** 2011

## Other achievements

### Stays in public or private R&D centres

**1 Entity:** National Oceanic and Atmospheric Administrative (NOAA)

**City of entity:** Boulder (Colorado), United States of America

**Start-End date:** 01/09/2014 - 30/11/2014

**Duration:** 3 months

**Funding entity:** Fulbright Commission

**Goals of the stay:** Post-doctoral

**2 Entity:** Institute for Tropospheric Research (TROPOS **Type of entity:** Public Research Body

**City of entity:** Leipzig, Germany

**Primary (UNESCO code):** 220920 - Radiometry

**Start-End date:** 22/09/2013 - 28/09/2013

**Duration:** 7 days

**Goals of the stay:** Post-doctoral

**Provable tasks:** Intercomparación bajo el marco del Proyecto Europeo ACTRIS

**3 Entity:** Instituto Nacional de Meteorología e Hidrología (INAMHI) **Type of entity:** Public Research Body

**City of entity:** San Cristobal (Galapagos), Ecuador

**Primary (UNESCO code):** 250105 - Atmospheric chemistry; 250106 - Atmospheric dynamics; 250108 - Atmospheric optics; 250116 - Diffusion (atmospheric)

**Start-End date:** 18/07/2011 - 14/08/2011

**Duration:** 1 month

**Goals of the stay:** Post-doctoral

**Provable tasks:** Participación en el Proyecto CHARLEX (Climate and HALogen Reactivity tropical EXperiment)



- 4** **Entity:** Andoya Rocket Range **Type of entity:** Public Research Body  
**Faculty, institute or centre:** Artic Lidar Observatory for Middle Atmosphere Research (ALOMAR)  
**City of entity:** Andenes, Norway  
**Primary (UNESCO code):** 220920 - Radiometry; 250106 - Atmospheric dynamics; 250108 - Atmospheric optics  
**Start-End date:** 26/05/2008 - 26/06/2008 **Duration:** 1 month - 1 day  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Participación en la Año Polar Internacional con la puesta a punto de instrumentación para una campaña durante el verano de 2008
- 5** **Entity:** Finish Meteorological Institute **Type of entity:** Public Research Body  
**Faculty, institute or centre:** Pallas Station  
**City of entity:** Pallas, Finland  
**Primary (UNESCO code):** 250105 - Atmospheric chemistry; 250106 - Atmospheric dynamics; 250108 - Atmospheric optics; 250116 - Diffusion (atmospheric); 250902 - Air pollution; 250910 - Observation briefing (weather)  
**Start-End date:** 18/05/2008 - 30/05/2008 **Duration:** 13 days  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Intercomparación de instrumentación
- 6** **Entity:** Leibniz-Institut für Troposphärenforschung e.V. **Type of entity:** Public Research Body  
**City of entity:** Leipzig, Norway  
**Primary (UNESCO code):** 250106 - Atmospheric dynamics; 250108 - Atmospheric optics; 250902 - Air pollution  
**Start-End date:** 08/01/2006 - 08/03/2006 **Duration:** 2 months  
**Funding entity:** Comisión Europea **Type of entity:** Marie Curie training site  
**Goals of the stay:** Doctorate  
**Provable tasks:** Análisis de la fiabilidad de los datos de distribuciones de tamaño de El Arenosillo y de los procesos por los que se producen eventos de nucleación en el Golfo de Cádiz
- 7** **Entity:** Leibniz-Institut für Troposphärenforschung e.V.  
**City of entity:** Leipzig, Germany  
**Primary (UNESCO code):** 250106 - Atmospheric dynamics; 250108 - Atmospheric optics; 250902 - Air pollution  
**Start-End date:** 02/05/2005 - 31/07/2005 **Duration:** 4 months  
**Funding entity:** Comisión Europea **Type of entity:** Marie Curie training site  
**Goals of the stay:** Doctorate  
**Provable tasks:** Análisis base de datos de las distribuciones de tamaño de aerosoles medidas en El Arenosillo
- 8** **Entity:** Leibniz-Institut für Troposphärenforschung e.V. **Type of entity:** Public Research Body  
**City of entity:** Leipzig, Germany  
**Primary (UNESCO code):** 220919 - Physical optics  
**Start-End date:** 17/11/2003 - 14/12/2003 **Duration:** 28 days  
**Goals of the stay:** Doctorate  
**Provable tasks:** Aprendizaje de Metodologías de Calibración de Espectrómetros de Partículas
- 9** **Entity:** Meteorological Observatory Hohenpeissenberg **Type of entity:** Public Research Body  
**Faculty, institute or centre:** Regional Dobson Calibration Centre





**City of entity:** Hohenpeissenberg, Germany

**Primary (UNESCO code):** 220920 - Radiometry; 220922 - Ultra-violet radiation

**Start-End date:** 28/06/2003 - 12/07/2003

**Duration:** 15 days

**Goals of the stay:** Doctorate

**Provable tasks:** Participación en la campaña de calibración del espectrofotómetro Dobson nº 120

- 10 Entity:** Centre Européen Médical Bioclimatique de Recherche et d'Enseignement Universitaire (C.E.B.R.E.U) **Type of entity:** Public Research Body

**City of entity:** Brianson, France

**Primary (UNESCO code):** 250108 - Atmospheric optics

**Start-End date:** 23/03/2003 - 31/03/2003

**Duration:** 9 days

**Goals of the stay:** Doctorate

- 11 Entity:** Andoya Rocket Range **Type of entity:** Public Research Body  
**Faculty, institute or centre:** Artic Lidar Observatoy for Middle Atmosphere Research (ALOMAR)  
**City of entity:** Andenes, Norway

**Primary (UNESCO code):** 250108 - Atmospheric optics

**Secondary (UNESCO code):** 250106 - Atmospheric dynamics

**Tertiary (UNESCO code):** 220920 - Radiometry

**Start-End date:** 06/06/2002 - 15/06/2002

**Duration:** 10 days

**Goals of the stay:** Doctorate

**Provable tasks:** Aprender la óptica de los Lidar troposférico y estratosférico así como la metodología en el tratamiento de sus datos

## Obtained grants and scholarships

- 1 Name of the grant:** Contrato Post-Doctoral Juan de la Cierva  
**Aims:** Post-doctoral  
**Awarding entity:** Ministerio de Ciencia e Innovación. **Type of entity:** Entidad Pública Investigación  
**Conferral date:** 01/01/2012 **Duration:** 3 years  
**End date:** 31/12/2014  
**Entity where activity was carried out:** Universidad de Granada  
**Faculty, institute or centre:** Facultad de Ciencias
- 2 Name of the grant:** Fulbright Visiting Scholar Award  
**Identify key words:** Earth sciences  
**Aims:** Post-doctoral  
**Awarding entity:** Fulbright Commision **Type of entity:** Foundation  
**Conferral date:** 01/09/2014 **Duration:** 3 months  
**End date:** 30/11/2014
- 3 Name of the grant:** Beca Pre-Doctoral Rafael Calvo Rodés  
**Aims:** Pre-doctoral  
**Awarding entity:** Instituto Nacional de Técnica Aeroespacial  
**Conferral date:** 05/06/2002 **Duration:** 4 years - 3 months - 25 days  
**End date:** 30/09/2006  
**Entity where activity was carried out:** Instituto Nacional de Técnica Aeroespacial  
**Faculty, institute or centre:** Estación de Sondeos Atmosféricos "El Arenosillo"

**4 Name of the grant:** Marie Curie training site**Aims:** Pre-doctoral**Awarding entity:** Comisión Europea**Type of entity:** Organismo Público**Conferral date:** 09/01/2006**Duration:** 2 months**End date:** 08/03/2006**Entity where activity was carried out:** Institute for Tropospheric Research (TROPOS)**5 Name of the grant:** Marie Curie training site**Aims:** Pre-doctoral**Awarding entity:** Comisión Europea**Type of entity:** Organismo Público**Conferral date:** 02/05/2005**Duration:** 3 months**End date:** 31/07/2005**Entity where activity was carried out:** Institute for Tropospheric Research (TROPOS)**6 Name of the grant:** Marie Curie training site**Aims:** Pre-doctoral**Awarding entity:** Comisión Europea**Type of entity:** Organismo Público**Conferral date:** 17/11/2003**Duration:** 1 month**End date:** 14/12/2003**Entity where activity was carried out:** Institute for Tropospheric Research (TROPOS)**7 Name of the grant:** Beca de Investigación**Aims:** Pre-doctoral**Awarding entity:** Universidad de Valladolid**Type of entity:** University**Conferral date:** 01/02/2002**Duration:** 1 month**End date:** 28/02/2002**Entity where activity was carried out:** Universidad de Valladolid**Faculty, institute or centre:** Facultad de Ciencias

## Scientific societies and professional associations

**1 Name of the society:** Colegio Oficial de Físicos**City affiliation entity:** Madrid, Community of Madrid, Spain**Professional category:** Miembro Socio nº 4529**Start date:** 2013**2 Name of the society:** Asociación Española de Ciencia y Tecnología de Aerosoles (AECTA)**City affiliation entity:** Madrid, Community of Madrid, Spain**Start date:** 2007



## Co-operation networks

- 1 Name of the network:** Aerosols, Clouds, and Trace gases research Infraestructure Network  
**Identification of the network:** ACTRIS  
**Participating entity/entities:** Universidad de Granada; Universitat Politècnica de Catalunya; Czech Hydrometeorological Institute; Leibniz Institute for Tropospheric Research; Consejo Superior de Investigaciones Científicas; Centre National de la Recherche Scientifique, Clermont-Ferrand; Consiglio Nazionale delle Ricerche (ISAC); Finnish Meteorological Institute; Instituto Nacional de Técnica Aeroespacial; Norwegian Institute for Air Research (NILU); Agencia Estatal de Meteorología  
**Start date:** 2012  
**Type of entity:** University; University; University Research Institute; University Research Institute; State agency; Public Research Body; Public Research Body; Public Research Body; Public Research Body; Public Research Body; Organismo Público  
**Duration:** 2 years
- 2 Name of the network:** Aerosol NOAA Network  
**Identification of the network:** <http://www.esrl.noaa.gov/gmd/aero/net/arn/>  
**City of co-operation network:** Mazagón, Andalusia, Spain  
**Participating entity/entities:** Appalachian State University / USA; Institute for Nuclear Research and Nuclear Energy / Bulgaria; Korean Meteorological Agency / Korea; National Institute for Aerospace Technology (INTA) / Spain; National Oceanic & Atmospheric Administration (NOAA) / USA; South African Weather Service / Sur África; University of Veszprem / Hungría; Georgia Tech / Georgia  
**Start date:** 2009  
**Type of entity:** Public Research Body; Public Research Body; Public Research Body; Public Research Body; Public Research Body; Public Research Body; Technological Centre  
**Duration:** 5 years
- 3 Name of the network:** EUROPEAN SUPERSITES FOR ATMOSPHERIC AEROSOL RESEARCH  
**Identification of the network:** EUSAAR  
**Participating entity/entities:** Czech Hydrometeorological Institute; Leibniz Institute for Tropospheric Research; Consejo Superior de Investigaciones Científicas; Centre National de la Recherche Scientifique, Clermont-Ferrand; Consiglio Nazionale delle Ricerche (ISAC); Finnish Meteorological Institute; Instituto Nacional de Técnica Aeroespacial; Norwegian Institute for Air Research (NILU)  
**Start date:** 2009  
**Type of entity:** University Research Institute; University Research Institute; State agency; Public Research Body; Public Research Body; Public Research Body; Public Research Body; Public Research Body  
**Duration:** 3 years
- 4 Name of the network:** Red de DMAs Ambientales  
**Identification of the network:** REDMAAS  
**Participating entity/entities:** Universidad de Granada; Universidad de La Coruña; Consejo Superior de Investigaciones Científicas; Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas; Agencia Estatal de Meteorología  
**Start date:** 2009  
**Type of entity:** University; University; State agency; Public Research Body; Organismo Público de Investigación  
**Duration:** 5 years

**5 Name of the network:** DAMOCLES**Identification of the network:** DAMOCLES**Participating entity/entities:** XUNTA DE GALICIA; Universidad Miguel Hernández de Elche; Universidad Politécnica de Cartagena; Universidad de Alicante; Universidad de Extremadura; Universidad de Granada; Universidad de Huelva; Universidad de La Coruña; Universidad de La Laguna; Universidad de Navarra; Universidad de Valladolid; Universitat Politècnica de Catalunya; Universitat de Barcelona; Universitat de Girona; Universitat de València; Consejo Superior de Investigaciones Científicas; Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas; Instituto Nacional de Técnica Aeroespacial; Ayuntamiento de Madrid; Agencia Estatal de Meteorología**Type of entity:** ; University; University; University; University; University; University; University; University; University; University; University; University; State agency; Public Research Body; Public Research Body; Ayuntamiento; Organismo Público**Start date:** 2004**Duration:** 6 years**6 Name of the network:** AEROSOL ROBOTIC NETWORK**Identification of the network:** AERONET**Participating entity/entities:** Universidad de Granada; Universidad de Lille; Universidad de Valladolid; Universitat de València; National aeronautics and space administration (NASA)**Type of entity:** University; University; University; University; Public Research Body**Start date:** 2002**Duration:** 9 years - 3 months**Prizes, mentions and distinctions****Description:** Premio Tesis Doctoral**Awarding entity:** Asociación Española de Ciencia y Tecnología de Aerosoles (AECTA)**Type of entity:** Associations and Groups**City awarding entity:** Bilbao, Basque Country, Spain**Conferral date:** 25/06/2009**Other distinctions (professional or business career)****1 Description:** Acreditación como Profesor Ayudante Doctor**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación**Type of entity:** Entidad Estatal**Conferral date:** 11/09/2013**2 Description:** Acreditación como Profesor Contratado Doctor**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación**Type of entity:** Entidad Estatal**Conferral date:** 11/09/2013**3 Description:** Acreditación como Profesor de Universidad Privada**Awarding entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación**Type of entity:** Entidad Estatal**Conferral date:** 11/09/2013



- 4** **Description:** Supervisora de Instalaciones Radiactivas  
**Awarding entity:** Consejo de Seguridad Nuclear      **Type of entity:** Entidad Estatal  
**Conferral date:** 17/10/2011

### Summary of other achievements

- 1** **Description of the achievement:** Colaboradora Honorífica  
**Accrediting entity:** Universidad de León      **Type of entity:** University  
**Conferral date:** 01/10/2014
- 2** **Description of the achievement:** Colaboradora Honorífica  
**Accrediting entity:** Universidad de León      **Type of entity:** University  
**Conferral date:** 01/10/2012
- 3** **Description of the achievement:** Colaboradora Honorífica  
**Accrediting entity:** Universidad de León      **Type of entity:** University  
**Conferral date:** 01/10/2011
- 4** **Description of the achievement:** Colaboradora Honorífica  
**Accrediting entity:** Universidad de León      **Type of entity:** University  
**Conferral date:** 01/10/2010