

## ***PROFESSOR ADILSON JESUS APARECIDO DE OLIVEIRA***

male, Brazilian, Birth date: 12/24/1966

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## **RESUME**

### **Education**

- PhD in Science – Condensed Matter Physics (1993-1996)  
Federal University of São Carlos – Physics Department, São Carlos, SP, Brazil
- MS in Physics (1981-1983)  
Federal University of São Carlos – Physics Department, São Carlos, SP, Brazil
- BS in Physics (1982-1986)  
Federal University of São Carlos, Physics Department, São Carlos, SP, Brazil

### **Experience**

- CNPq (Brazilian Scientific Funding Agency) Researcher in Physics (1997 - present)
- Research Advisor (1998 - present) with the Graduate Program of the Physics Department, Federal University of São Carlos, SP, Brazil
- Faculty Member (1992 - present) of the Federal University of São Carlos, Physics Department, São Carlos, SP, Brazil – Full Professor

### **Research Interests**

- Magnetism and Magnetic Materials
- Magnetic oxides
- Multiferroic materials
- Magnetism in conducting polymers
- Antiferromagnetic Cr alloys
- Multifunctional materials and devices
- Scientific Dissemination of Knowledge
- Science and Physics Education
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### **Professional Affiliations**

- Brazilian Physics Society (1988 – present)
- Brazilian Society for the Advancement of Science (1993 – present)
- Brazilian Materials Research Society (2002 – present)

### **Publications and technical production**

More than 80 papers in indexed journals and more than 100 presentations in domestic and international meetings and conferences. Recent selected articles are:

1. A W Arins, H. F. Jurca, J. Zaperlon, J. Varalda, I L Graff, A. J. A. de Oliveira, W. H. Schereiner, D. H. Mosca. Applied Physics Letters. 102 (2013) 102408. –
2. A. J. Gualdi, A. J., F. L. Zabotto, D. Garcia, A. J.A. de Oliveira Journal of Applied Physics, v. 114, p. 053913, 2013
3. F. Vidal, Y., Zheng, Y. P. Schio, F. J. Bonilla. M. Barturen, J. Milano, D. Demaille, E. Fonda, A. J.A. de Oliveira, V. H. Etgens. Physical Review Letters, v. 109, p. 117205, 2012.
4. M Barturen, B R Salles, P. Schio, A. Butera, S. Bustingorry, C. A. Ramos, A. J.A. de Oliveira, M. Eddrief, E Lacaze, F. Gendron, V. H. Etgens, M. Marangolo, J. Milano, Applied Physics Letters, v. 101, p. 092404, 2012.
5. P. Schio, F. Vidal, Y. Zheng, J. Milano, E. Fonda, D. Demaille, B. Vodungbo, J. Varalda, A. J. A. de Oliveira, V. H. Etgens, Physical Review. B, v. 82, p. 094436, 2010.
6. V. Fernandes, P. Schio, A. J. A. de Oliveira, W A Ortiz, P Fichtner, L Amaral, I L Graff, J Varalda, N Mattoso, W H Schreiner, J. of Physics. Cond. Mat. 22, (2010) 216004.
7. V Fernandes ; R. J. O. Mossanek; Schio, P; J.J. Klein, A. J. A. de Oliveira, W.A. Ortiz, N. Mattoso, J. Varalda, W. H. Schereiner, M. Abbate, D. H. Mosca, Physical Review B - v. 79, p. 035202, 2009.
8. B.Vodungbo , F. Vidal Y. L.Zheng, M. Marangolo, D. Demaille, V. H, Etgens, J. Varalda, A. J.A. de Oliveira, G. Panaccione ; F. Maccherozzi . Journal of Physics. Condensed Matter, v. 20, p. 125222, 2008.
9. G C Couto, J. J. Klein, W. H. Schereiner, D. H. Mosca, D H; A. J.A. de Oliveira, A J G Zarbin . Journal of Colloid and Interface Science, v. 311, p. 461-468, 2007.
10. V Fernandes, J. J. Klein, N. Mattoso, D. H. Mosca, E. Silveira, E. Ribeiro W. H. Schereiner, J. Varalda, A. J.A. de Oliveira, Physical Review. B, v. 75, p. 121304(R), 2007.

#### **Academic administrative Experience**

- Vice-President of Federal University of São Carlos –(2012 – present)
- Provost of University Extension (2010)
- Coordinator of the Physics Undergraduate Course (2006 – 2008)  
Physics Department, Federal University of São Carlos, São Carlos, SP, Brazil
- Faculty member representative in University Council, Federal University of São Carlos, São Carlos, SP, Brazil (2008-2012)

#### **Other activities**

- National and International Collaboration Projects under financial support of Brazilian and Sao Paulo State research funding agencies: CAPES-COFECUB (2002-2006 and 2007-2010) and FAPESP/CNRS (03/2014-03/2016)
- Projects in Scientific Dissemination with funding of Brazilian Agencies (FAPESP and CNPq)

- Organizing Committee of Brazilian Society for the Advancement of Science Meeting
- Referee of many journals: Journal of Physics. Condensed Matter - Journal of Alloys and Compounds - Journal of Physics D. Applied Physics - Journal of Magnetism and Magnetic Materials -Nanotechnology - Physical Review Letters - Electrochimica Acta -Synthetic Metals -The Journal of Physical Chemistry. B - Polymer International - Materials Research

**Important numbers:**

- Papers in index journals: 83
- Books: 01
- Chapters in books: 07
- Scientific Dissemination articles: 166
- Supervisor of Master Thesis: 16
- Supervisor of PhD Thesis: 09
- Supervisor of Pos-Doc.: 07

São Carlos, October 2015.