

2010 Nanostructured Systems electronic transport and spintronics

29/11 - 03/12

Instituto de Física - UFF - Niterói - Rio de Janeiro

Program

Short Courses

- Introduction to electronic transport - Caio Lewenkopf (UFF)
- Graphene and Carbon Nanotubes - Andréa Latgé (UFF)
- Electronic Transport within DFT - Alexandre Rocha (UFABC)
- Spin Dynamics - Antonio Costa (UFF) and Roberto Bechara Muniz (UFF)
- Spin-dependent Transport through Nanostructures - Carlos A. Balseiro (CAB)
- Experimental aspects of nanostructures - Flávio Plentz (UFMG)

Lectures

- Molecular Magnetism - Mário Reis (UFF)
- Time-dependent Transport - Maria José Sanchez (CONICET - CAB)
- Transport through Quantum Dots - Luis Foa Torres (UNC)
- Kondo Effect in Nanostructures - Luis Gregório da Silva (USP-SP)
- Transport and Kondo Effect - Enrique Anda (PUC/RJ)
- Modelling Raman Spectroscopy - Pedro Venezuela (UFF)

Deadlines and more details: <http://cban.if.uff.br>

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