

THE COMO MOMENTS

24-30 August 2013



Theoretical & Computational Modeling of Magnetically Ordered Molecules & Electronic Nano-Transport of Spins: **State of Art and Unanswered Questions**

More Information: <http://www.complexcomolake.it/>

Summer school is intended for graduate and post-graduate scientists interested in learning about and advancing the multidisciplinary field of spin-dependent transport across nanomagnetic elements. School will consist of morning and evening lectures and afternoon computational tutorials. Goal is to have participants prepare and publish a data base on molecules and electrodes to optimize nanoscale spintronics.

Lecturers:

L. Gagliardi, Minneapolis
P. Gambardella, Barcelona
J. Kortus, Freiberg
A. Lichtenstein(?), Hamburg
J. Neaton (?), Berkely
K. Park, Blacksburg
M. Pederson, Washington
S. Sanvito, Dublin
R. Sessoli, Florence
G. Stefanucci, Rome
C. Timm, Dresden
H. Van der Zant, Delft

Tutorials:

Molecular Magnets (?????)
Transport with NEGF (I. Rungger, Dublin)
Transport with Master Equations (????)
Functionalized Surfaces & Electrodes (??????)
Phonons and Spectra (T. Baruah, El Paso)

To apply, complete application form and email to cmcanali@lnu.se

Organizers:

C.M. Canali (Sweden), S. Sanvito (Ireland), M.R. Pederson (U.S.A.)