



We are pleased to invite you to attend the 10th Scientific Meeting of the

Wallonia Network for Nanotechnology (NanoWal)

<http://www.nano.be>

on

Modelling and simulations at the nanoscale : Links with experiments, spectroscopies and applications

The meeting will be held on **Thursday April, 18** at the
CH01 lecture room, Faculté des Sciences, Rue Grafé. 5000 Namur
University of Namur

with the support of the **FNRS contact group on 'Nanostructures'**

- 9h15 **Registration** and coffee
- 9h45 **Introduction.**
- 10h00 **Plasmons in low-dimensional structures**
F.J. Garcia de Abajo (CSIC, Madrid)
- 10h45 **Photonic enhancement modeling for thin-film solar cells**
B. Maes (U Mons)
- 11h15 **Multiscale Simulations of Electronic Transport in Graphene-based Materials.**
A. Lherbier (UCL)
- 11h45 **Elasticity in graphene**
Ph. Lambin (U. Namur)
- 12h15 **Flash poster presentations**

- 12h45 Sandwich Lunch and **Poster Session**
- 14h00 **General assembly of the Nanowal network** (in parallel with poster session)
- 15h00 **Determining and Analyzing the Properties of Nanoparticles**
M. Springborg (Univ. Saarland)
- 15h45 **From Phase Change Nanowires to Nanoclusters in solution :
Applications of Ab Initio Molecular Dynamics and Time-Dependent DFT**
J. Y. Raty (Ulg)
- 16h15 **Structural dynamics of liquids confined at the nanoscale level :
interparticle correlations vs packing frustration**
S. Napolitano (ULB)
- 16h45 **Conclusions of the meeting**

The meeting is open to all scientists (students, post-docs, staff member) from academia and industry. There are no registration fees but the registration is requested.

We strongly encourage all groups to present posters with their most recent work connected to the field of nanomaterials, nanosciences and nanotechnology (even if not directly related to the topic of the meeting). 15 posters will be selected for flash presentation (1 minute)

To register, please visit the site <http://www.nano.be> before March, 29

For any further information, contact Benoit Champagne (benoit.champagne@fundp.ac.be – 081 724554) or Luc Henrard (luc.henrard@fundp.ac.be – 081 725445) or Bernard Nysten (bernard.nysten@uclouvain.be)

For information on the location of the conference room (CH01 lecture room, Science Building, University of Namur, Rue Grafé – 5000 Namur), see <http://www.fundp.ac.be/en/access>