

We have the pleasure to invite you to attend the **2nd scientific meeting** of the **Wallonia Network for Nanotechnologies – NanoWal ASBL**

<http://www.nano.be>

The theme of the day will be :

***Functionalized interfaces at the nanoscale :
synthesis, characterization and applications***

The meeting will be held on Tuesday 3rd April 2012
Université Libre de Bruxelles
Campus de la Plaine, Auditoire Forum A (see attached map)

Program :

- 9h30 – 9h50** **Registration – Coffee**
- 9h50 – 10h00** **Welcome address**
- 10h00 – 10h45** **Catherine Archambeau** (Centre de Recherches Métallurgiques - ARCELOR)
Innovative nano-coatings and surface treatments for new functionalities and applications on steel products
- 10h45 – 11h15** **Simone Napolitano** (Université Libre de Bruxelles)
On the origin of the deviations from bulk behavior in ultrathin polymer films
- 11h15 – 11h45** **Karine Glinel** (Université Catholique de Louvain/IMCN/BSMA)
Comparison of bacterial and mammalian cell behaviour on nano-/micro-patterned surfaces
- 11h45 – 12h15** **Emilie Faure** (Université de Liège)
Bio-inspired polymers for the functionalization of industrial steel surfaces
- 12h15 – 14h00** Sandwich lunch and **General Poster Session**

- 14h00 – 14h45** **Eric Marceau** (Université Pierre et Marie Curie, Paris, France)
Tuning metal nanoparticles for heterogeneous catalysis
- 14h45 – 15h30** **Andreas Fery** (University of Bayreuth, Germany)
Functional soft matter structures from a nano-mechanics perspective
- 15h30 – 15h50** Coffee Break
- 15h50 – 16h20** **Olivier Deparis** (Facultés Universitaires Notre-Dame de la Paix – Namur)
Digging holes into silicon: strategy for optimizing light absorption in thin-film solar cells
- 16h20 – 16h50** **Marjorie Olivier** (Université de Mons)
Nanostructured, mesoporous and nanocharged sol-gel coatings for the corrosion protection of metallic substrates
- 16h50 – 17h00** Concluding remarks

The meeting will be followed by the general assembly of NanoWal ASBL

This symposium is open to students, post-docs, and scientists from academia and industry.

There is no registration fee but we kindly ask the participants to register in advance for logistical reasons.

We strongly encourage all groups to present posters with their most recent work connected to the field of nanomaterials, nanoscience and nanotechnology with an emphasis on surface science.

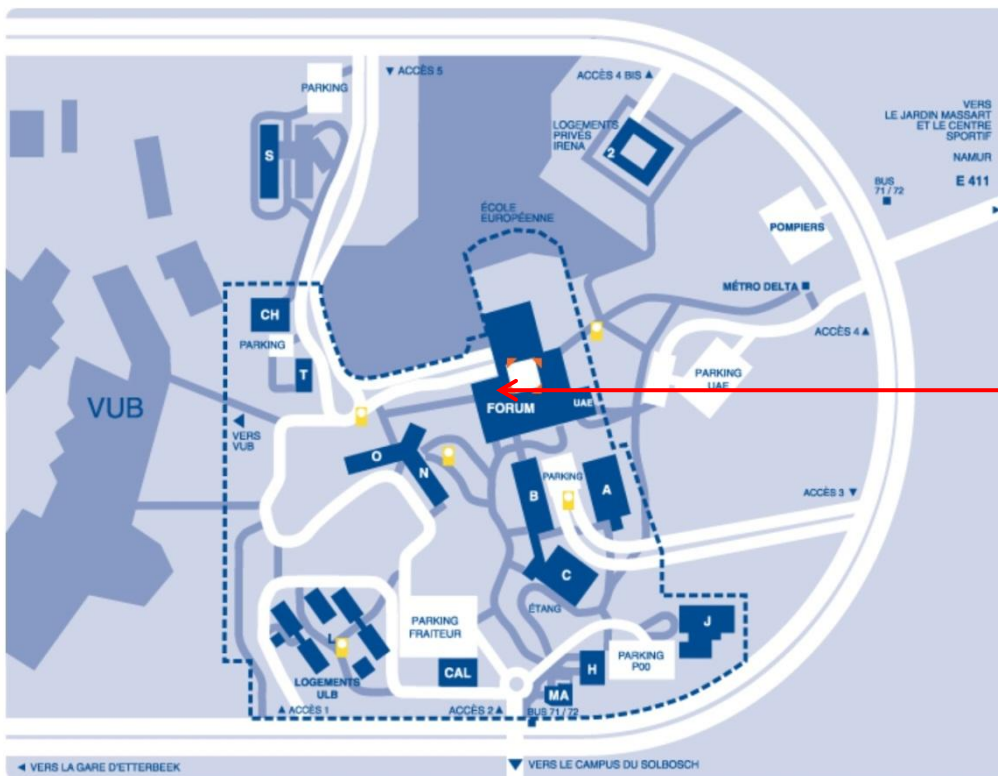
Registrations can be made online via the website www.nano.be before March 28th.

For any further information please contact Thierry Visart (tvisart@ulb.ac.be) – Tel : 02/6505724

Map of the “Plaine campus” :

NanoWal Tuesday 3rd April 2012 - **Université Libre de Bruxelles**
Boulevard du Triomphe – Access 4, 1050 Brussels, Belgium

<http://www.ulb.ac.be/campus/plaine/plan-en.html>



Auditoire Forum A