

We have the pleasure to invite you to attend the 4<sup>th</sup>  
scientific meeting of the Wallonia Network for  
Nanotechnologies – **NanoWal ASBL**  
<http://www.nano.be>



on

## *Bio-inspired synthetic functional molecules*

The meeting will be held on Wednesday 21 May 2014  
University of Liège  
Auditoire 142, Bâtiment B7b (Petits amphithéâtres, Galerie des Arts)

9:30: Registration and coffee

10:00 – 10:45: **Engineering synthetic helical folded nano-architectures**  
Prof. Ivan Huc, Institut Européen de Chimie et Biologie, Bordeaux, France

10:45 – 11:15: **Unfolding single foldamers with AFM-based force spectroscopy**  
Dr. Nicolas Willet, University of Liège, Belgium

11:15 – 11:45: **Self-assembly of DNA –  $\pi$ -conjugated polymers**  
Dr. Mathieu Surin, University of Mons, Belgium

11:45 – 12:15: **Small binders change the dynamics of a short DNA helix: evidences from theory and experiment**  
Dr. Barbara Fresh, University of Liège, Belgium

12:15 – 14:00: Lunch and posters

14:00 -14:45: **Technomimetic molecules: Molecular wheels, nanovehicles, rotors and motors**  
Prof. Gwenaél Rapenne, Université Paul Sabatier & CEMES, Toulouse, France

14:45 – 15:30: **Electronic structure at the DNA/Au interface**  
Dr. Daniele Varsano, Institute of Nanoscience, CNR, Modena, Italy

15:30 – 16:00: **Photoreaction between an Iridium(III) Polypyridyl complex and a nucleobase: Photo-CIDNP transients study**  
Cédric Lentz, Université catholique de Louvain, Belgium

16:00 – coffee, posters, and General Assembly

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).

**To register, please visit the site <http://www.nano.be> before May, 9**

For any further information, contact Anne-Sophie Duwez ([asduwez@ulg.ac.be](mailto:asduwez@ulg.ac.be)) or Françoise Remacle ([fremacle@ulg.ac.be](mailto:fremacle@ulg.ac.be)) or Bernard Nysten ([bernard.nysten@uclouvain.be](mailto:bernard.nysten@uclouvain.be))

For information on the location of the conference room, see <http://www2.ulg.ac.be/acces/plans/>