INTERNATIONAL CONFERENCE ON NANOSCIENCES AND ENVIRONMENT

NOVEMBER 6th 2014

UNIVERSITÉ PARIS DIDEROT
AMPHITHEÂTRE «TURING»

- NATURAL NANOPARTICLES AND NANOSTRUCTURES
- NANO CHEMISTRY APPLIED TO ENVIRONMENTAL ISSUES
- MONITORING OF THE ENVIRONMENT
- IMPACT ON THE ENVIRONMENT
### Session I: Natural Nanoparticles and Nanostructures

- **9h15 - 10h05**
  - **Properties, transformations and health impacts of engineered, incidental, and natural nanoparticles**
  - *Gordon Brown*  
    (Stanford University - USA)

- **10h05 - 10h55**
  - **Title coming soon**
  - *Isabelle Basile-Doelsch*  
    (CEREGE - France)

- **10h55 - 11h05**
  - Coffee break/Scientific Images Exhibition

### Session II: Nanochemistry applied to Environmental issues

- **11h05 - 11h55**
  - **Molecular engineering of inorganic and hybrid nanomaterials**
  - *Clément Sanchez*  
    (Université Pierre et Marie Curie - France)

- **11h55 - 12h00**
  - **Solar vapor generation enabled by nanoparticles**
  - *Oara Neumann*  
    (Rice University - USA)

### Session III: Monitoring of the Environment

- **14h - 14h50**
  - **Environmental implications of nanotechnologies: exposure and product life cycle**
  - *Jérôme Rose*  
    (CEREGE - France)

- **14h50 - 15h40**
  - **Gold nanorods: applications in biology and environmental impact**
  - *Catherine Murphy*  
    (University of Illinois - USA)

- **15h40 - 16h**
  - Coffee break/Scientific Images Exhibition

### Session IV: Impact on the Environment

- **16h - 16h50**
  - **Electrochemical or electrical biosensors for (organic) pollutants detection (in water). Added value of nanostructuration**
  - *Benoit Piro*  
    (ITODYS - France)

- **16h50 - 17h40**
  - **Nanoporous sponges for the detection of volatile pollutants and air decontamination**
  - *Thu-hoa Tran-Thi*  
    (CEA - France)

- **17h40 - 18h**
  - Closing session and Scientific Image Awards Winners
Organizing committee

**Nanoscience and Society**
Marc LAMY LA CHAPELLE
Roberta BRAYNER

**NanoBioSciences**
Claude NOGUES

**NanoElectronics**
Jean-Christophe LACROIX

**NanoChemistry**
Nordin FERLIDJ
Guillaume MORIN

**NanoPhotonics**
Fabrice CHARRA

**DIM Astrea**
Catherine BONAZZI

**DIM Analytics**
Eric ELIOT
Sophie VASLIN

**DIM Nano-K Team**
Sylvie ROUSSET (director)
Raphaëlle JARRIGE (Public Relation Officer)
Nathalie MERLET (Administrativ Management)
Marine STOLL (Communication Officer)

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