

# WORKSHOP DEVELOPMENT, ANALYSIS AND TOXICITY OF SILVER-BASED NANOMATERIALS

Jueves, 12 Diciembre 2013

11:00

SALA DE GRADOS  
FACULTAD DE CIENCIAS

- 11:00 Opening
- 11:05 A new approach for elaborating and designing plasmonic substrates for spectroscopy enhancement and high contrast imaging  
*Caroline Bonafos and Robert Carles*  
*Centre d'Elaboration des Matériaux et d'Etudes Structurales (CEMES), CNRS-Université de Toulouse, France*
- 11:25 Plasma deposition processes with application to electrical engineering and biological surface effects  
*Kremena Makasheva*  
*Laboratoire Plasma et Conversion d'Energie (LAPLACE)*  
*CNRS-Université de Toulouse, France*
- 12:45 An ICPMS platform for the analysis of silver-based nanomaterials  
*Francisco Laborda*  
*Grupo de Espectroscopia Analítica y Sensores (GEAS)*  
*IUCA, Universidad de Zaragoza, Spain*
- 13:05 The ratio protein-silver modulates the bioavailability of ionic silver and the potential toxicity of silver nanoparticles: applications for cheaper and more effective consumer products  
*Enrique Navarro*  
*Instituto Pirenaico de Ecología, CSIC, Spain*
- 13:25 Discussion

(\* ) Este workshop se incluye dentro de las actividades del Programa de Doctorado Ciencia Analítica en Química

Organizan:



Departamento de  
Química Analítica  
Universidad Zaragoza



Instituto Universitario de Investigación  
en Ciencias Ambientales  
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Colaboran:

