



WORKSHOP ON DEMAND

NEUROPROSTHETICS AND BIOMEDICINE THROUGH NANOTECHNOLOGY SOLUTIONS: IMAGING, INTERFACING AND DEVICES

June 3rd 2009

16:30 – 19:15

Room: Club H

Chairman: *Michele Giugliano, University of Antwerp, BE*

- 16:30 – 17:00 **Neuroengineering microdevices and nanotechnologies for the monitoring of brain activity: the next frontier in biomedical sciences**
Enric Claverol, ALERIA BIODEVICES, ES
- 17:00 – 17:30 **Towards biologically integrated tactile sensors**
Mike Adams, University of Birmingham, UK
- 17:30 – 17:50 **Three-dimensional nanobiostructure-based self-contained devices for biomedical application**
S. Shleev, Malmö University, SE
- 17:50 – 18:10 **Bioelectronic Olfactory Neuron Device**
J. Samitier, Institut de Bioenginyeria de Catalunya- Univ. Barcelona, ES
- 18:10 – 18:30 **BISNES: Bio-Inspired Self-assembled Nano-Enabled Surfaces**
D. Nicolau, University of Liverpool, UK
- 18:30 – 18:50 **Plasma deposited organometallics for antimicrobial coatings: The Embek1 Consortium**
T. Jenkins, University of Bath, UK
- 18:50 – 19:10 **Selective osteoblastic cell micro-arrays induced by diamond surface atoms**
B. Rezek, Institute of Physics ASCR, v. v. i., CZ

The workshop takes place in the framework of the EuroNanoForum 2009 conference that takes place in Prague, on June 2nd – 5th 2009 (<http://www.euronanoforum2009.eu>).

REGISTRATION:

For the participation at the workshop, please, register via the standard registration form of the EuroNanoForum 2009 on: <http://www.euronanoforum2009.eu/registration/index.php>.

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