



WORKSHOP ON DEMAND

**NUCLEATION AND GROWTH OF METAL-ORGANIC
FRAMEWORKS ON SUBSTRATES: SURFACE-INSPIRED
ASPECTS OF SUPRAMOLECULAR CHEMISTRY**

June 5th 2009

10:30 – 13:00

Room: Meeting Hall I

Chairman:

- 10:30 **Step-by-Step Approach for the synthesis and Growth of Metal-Organic Frameworks (MOFs) Thin Films on Organic Surfaces**
O. Shekhah, H. Wang, R. A. Fischer, C. Wöll, Ruhr-Universität, Bochum, Germany*
- 10:45 **Functional Metal-Organic Frameworks as Heterogeneous Catalysts – the MOFCAT project**
R. Blom, SINTEF, Norway
- 11:00 **Surface Structure of Metal-Organic Frameworks**
P. Cyganik, K. Szelagowska-Kunstman, M. Goryl, M. Szymonski, Jagiellonian University Krakow, Poland
- 11:15 **Flexible sorption responses in a nanoporous framework material identified through an integrated approach**
R. Heck, J. Rabone, S. Chong, J. Bacsa, M. J. Rosseinsky, D. Bradshaw, University of Liverpool, United Kingdom
- 11:30 **Surface based Coordination Chemistry: The case of the selective grafting of Metal-Organic Radical Open Frameworks**
V. Mugnaini, M. Oliveros, N. Roques, M. Paradinas, H. Wang, O. Shekhah, C. Wöll, C. Ocal, J. Veciana, Consejo Superior de Investigaciones Científicas, Spain
- 11:45 Break
- 12:00 **Donor-terminated Self-Assembled Monolayers as Anchoring units for Surface-Mounted MOFs**
Schüpbach, A. Terfort, Goethe-Universität Frankfurt, Germany
- 12:15 **Interplay between simulations and experiment in the study of metal organic frameworks surfaces**
C. Mellot-Draznieks, F.-X. Coudert, A. Torrisi, University College London, United Kingdom
- 12:30 **Supramolecular Networks on Gold Surfaces Prepared from Solution**
I. Cebula, C. Shen, C. Silien, M. Buck, University of St. Andrews, United Kingdom

12:45 **Supramolecular 2D network of PTMTC radical adsorbed onto Au(111) and Cu/Au(111)**

*F. Grillo, M. Oliveros, V. Mugnaini, J. Veciana, S. M. Francis, N. V. Richardson,
University of St. Andrews, United Kingdom*

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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