

EUROCORES-SONS Workshop

Molecular Nanoelectronics

Landhaus Sponsel-Regus, Veilbronn, Erlangen • Germany
28 - 31 March 2007

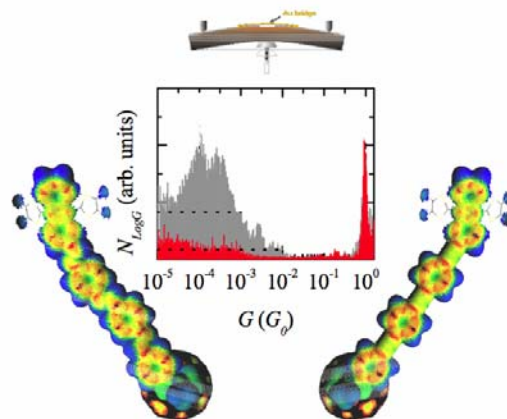
This workshop on *Molecular Nanoelectronics* will focus on fundamental aspects related to the chemical synthetic methodologies with chemistry/physics of nanostructured materials and structure calculations for the realization of novel multifunctional molecular electronic devices. It embraces a wide spectrum of interdisciplinary expertise in terms of different experimental techniques and backgrounds. We plan to review recent advances in the field as well as our own scientific achievements since the last meeting related to molecular systems, designed and synthesized specifically to explore the controlling and switching of multifunctional molecular junctions.

This workshop aims to bring together the projects FUN-SMARTs, NANOSYN and SASMEC of the EUROCORES SONS (Self-Organized NanoStructures) Programme.

It will consist of 25 lectures, of which 3 made by invited speakers. Particular emphasis will be given to lectures presented by young scientists and students.

A poster session will be also organized.

The aim of the workshop is to bring together researchers in an atmosphere that fosters discussions and interactions.



Chair: Dirk Guldi, University of Erlangen, DE
Scientific Organizing Committee: Dirk Guldi, Friedrich-Alexander-Universität, Erlangen, Nürnberg, DE; Nicolas Agrait, Universidad Autonoma de Madrid, Madrid, ES; Mario Ruben, Research Centre Karlsruhe, Karlsruhe, DE

Invited Speakers will include:

Richard Nichols, Liverpool University, UK
Colin Lambert, Lancaster University, UK
Thomas Wandlowski, Juelich, DE

Application Form & Programme available from
www.esf.org/sons and www.chemie.uni-erlangen.de/pctc/pc1/guldi/NANOSYN.html

Closing Date for Application 16 February 2007

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