

INPAC General Meeting
November 17, 2006, Friday, Groot Begijnhof

Programme

- 8:30-9:00 - Arrival, coffee
9:00-9:15 - Welcome/Introduction: Vice-rector K. Maex/V.V. Moshchalkov
- Chairman: M. Van der Auweraer
- 9:15-9:45 - K. Clays
WP6: Materials for nanophotonics – research highlights 2006
- 9:45-10:00 - T. Verbiest
Magneto-optical properties of conjugated polymers
- 10:00-10:30 - A. Vantomme
WP2: Nanomagnets – research highlights 2006
- 10:30-10:45 - K. Schouteden
Low-temperature scanning tunneling microscopy and spectroscopy study of self-organized Co islands on Au(111)
- 10:45-11:15 - **Coffee break**
- Chairman: P. Lievens
- 11:15-11:45 - A.V. Silhanek
WP3: Superconductor/Ferromagnet hybrid nanosystems –research highlights 2006
- 11:45-12:00 - J. Fritzsche
Local Observation of the Reverse Domain Superconductivity in a Superconductor-Ferromagnet Hybrid
- 12:00-12:30 - A. Ceulemans – A. Volodin
WP4: Carbon nanosystems – research highlights 2006
- 12:30-12:45 - S. Compennolle
Conductance of a carbon nanotube bundle - Cu interface
- 12:45-14:15 - **Lunch at Faculty Club**
- Chairman: A. Ceulemans
- 14:15-14:45 - A. Stesmans
WP5: Silicon nanosystems – research highlights 2006
- 14:45-15:00 - M. Badylevich
Impact of atomic ordering on electron states in nano-layers of insulating metal oxides
- 15:00-15:30 - V.V. Moshchalkov
WP1: Nanosuperconductors – research highlights 2006
- 15:30-15:45 - J. Van de Vondel
Vortex ratchets in nanostructured superconductors
- 15:45-16:15 - **Coffee break**
- Chairman: C. Van Haesendonck
- 16:15-16:45 - M. Van der Auweraer
WP7: Self-assembled molecular and macromolecular structures –highlights 2006
- 16:45-17:00 - S. De Feyter
Templating at the liquid/solid interface
- 17:00-17:15 - V.V. Moshchalkov *Concluding Remarks/ INPAC – challenges for 2007 (including J.P. Locquet's project "Nanomaterials with controlled functionality")*