



# Meeting Work Package 7 INPAC

*Friday, June 9, 2006*

*Room 03.12, Building C 200 F*

- 09h30** Molecular self-assembly: templating en reactivity  
*Steven De Feyter (Laboratory for Photochemistry and Spectroscopy)*
- 09h45** Regular crystalline surface layers in bacteria and their applications  
*Anne Van Dommelen (Center for Microbial and Plant Genetics)*
- 10h00** A self-assembled dithiol monolayer as a tunnel barrier for single electron tunneling through gold nanoclusters  
*Koen Schouteden (Laboratory for Solid State Physics and Magnetism)*
- 10h15** Characterization and metallization of biological nanostructures  
*Maarten Gysemans (Laboratory for Solid State Physics and Magnetism)*
- 10h30** Superconducting nanostructures created from self-assembled templates  
*Johan Vanacken (Laboratory for Solid State Physics and Magnetism)*
- 10h45** – Coffee and discussions
- 11h00** Formation of Fe-silicide nanostructures on Si surfaces  
*André Vantomme (Instituut voor Kern-en Stralingsfysica)*
- 11h15** Using selfassembled layers as templates for cluster deposition into organized arrays?  
*Peter Lievens (Laboratory for Solid State Physics and Magnetism)*
- 11h30** SiO / SiO<sub>2</sub> superstructures with Si nanoparticles  
*André Stesmans (Semiconductor Electron Spectroscopy)*
- 11h45** Electrical and optical properties of aggregated chiral conjugated polymers  
*Koen Clays (Laboratory for Molecular Electronics and Photonics)*
- 12h00 – 13h00** – Discussions