



Meeting Work Package 6

“Materials for Nanophotonics”

Tuesday, 6th of March, 2007

Library Campus Arenberg (CBA)

"Nicolas de la Ville" room

- 09h30** Enhancement of nonlinear optical properties at the molecular level within the quantum limits framework
Javier Pérez Moreno
- 09h45** Second-harmonic generation in Dronpa
Cristina Flors Ong
- 10h00** Influence of the photonic crystal structure on the fluorescent energy transfer of labelled DNA
Branko Kolaric
- 10h15** Investigation of organic dye fluorescence within a photonic crystal structure
Kasper Baert
- 10h30** Origin of the photoluminescence in Si nanocrystals
Stefanie Godefroo
- 10h45** – Coffee and discussions
- 11h15** The study of Ferromagnetic/Antiferromagnetic Interfaces with Magnetization-induced Second Harmonic Generation (MSHG)
Ventsislav K. Valev
- 11h30** Second-harmonic generation circular dichroism
Stijn Foerier
- 11h45** Superparamagnetic nanoparticles for Faraday rotation
Jelle Wouters
- 12h00** Design of magnetic nanoparticles for photonic applications
Wim Libaers
- 12h15 – 13h00** – Discussion