

**Program**

**cNM Research Day /  
TUM – DTU – TU/e Nano Day 2010**  
Wednesday, June 30  
*Auditorium TU/e (Blauwe Zaal)*



08:45-09:15 Registration

09:15-9:20 Welcome

09:20-10:20 Presentations

09:20 Paolo Lugli (TUM)  
“Fabrication, characterization and simulation of organic devices”

09:40 Peter. Müller-Buschbaum (TUM)  
“Functional materials based on polymer- and hybrid-nanostructures”

10:00 Leon van Dijk (TU/e)  
“Supramolecular aggregates (preliminary title)”

10:20 Erik Roeling (TU/e)  
“Organic electronic ratchets as power sources”

10:40-11:10 Break, Coffee & Tea

11:10-12:30 Presentations

11:10 Thomas Bligaard (DTU)  
“Catalysis Informatics”

11:30 Niels Larsen (DTU)  
“Polymer Microtechnology for Cell Processing”

11:50 Kees-Jan Westrate (TU/e)  
“Nanoscale morphology changes in a Cobalt catalyst”

12:10 Wouter Habraken (TU/e)  
“Cryo-TEM reveals a nanocluster growth mechanism for biomimetic calcium phosphate”

12:30-14:00 Lunch & Posters (Senaatzaal)

14:00-14:50 Invited Lecture

**[Prof. Klaus Kern](#)**

MPI for Solid State Research, Stuttgart, Germany

Title to be announced

14:50-15:30 Presentations

14:50 Reinoud Lavrijsen (TU/e)

“Nano-magnetic domain walls pushed by a spin-polarized current?”

15:10 Alexander van Reenen (TU/e)

“Twisting of proteins by magnetic particle actuation”

15:30-16:00 Break, Coffee & Tea

16:00-17:00 Presentations

16:00 Martin Stutzmann (TUM)

“Electronics with Si nanocrystals”

16:20 Peter Lodahl (DTU)

“All-solid-state quantum light sources based on quantum dots in photonic crystals”

16:40 Rienk Algra (TUD-TU/e)

“Twins in nanowires”

17:00-18:30 Drinks & Posters

Registration and submission of Poster contributions will be arranged via the research groups

Individual registrations via [cNM@tue.nl](mailto:cNM@tue.nl)