



AGENDA

2nd META Meeting

October 3rd – 4th 2011

held at CNMS, Oak Ridge National Laboratory (US)

Monday October 3rd, 2011

- 9:00AM Arrival @ CNMS
- 9:30 Bobby Sumpter - Nanomaterials Theory Institute Bldg. 8610 Room L-382
- Possible collaborative computer simulation activity
- Material specific peptide adhesion
 - DNA-protein docking
- 10:00 Massimo Celino: Progresses in peptides adhesion simulation at ENEA. Discussion
- 10.45 Piero Morales: Experiments on peptides adhesion on Cr, TiO₂, ZnO;
Progresses in DNA nanostructures assemblage. Discussion
- 11:30 Lunch
- 1:00PM Scott Retterer - NanoFab Research Lab Bldg. 8610 Room L-382
- Planning the lithographic fabrication of suitable anchoring spots for the DNA nanogrids with truly nanometric dimensions
 - Characterization of the fabricated structures and of the DNA nanogrids
- 3:00 PM Stephen Jesse/Sergei Kalinin - Image and Scanning Probe Bldg. 8610 Room L-382
- To study, through high resolution ESM, the interplay of crystallographic quality and epitaxial strain with the local Electrochemical properties of PLD grown thin films electrolyte materials
 - Joint proposal on SDC, to be submitted.

Tuesday October 4th, 2011

- 9:00 AM Mike Simonson, Bldg. 8610 Room L-382
- 10:00 Working groups: Simulation: Bobby Sumpter, Massimo Celino
Nanofabrication: Scott Retterer, Piero Morales
ESM: Skype conference with Stephen Jesse, Amit Kumar, Sergei Kalinin, Silvia Licoccia, Giuseppe Balestrino, Carla Andreani
- 10:30 Robert McGreevy, Bldg. 8610 Room L-382
- 12:00 Lunch
- 1:00 Alexander Kolesnikov, Bldg. 8610 Room L-382
- 2:30 Sean Smith, CNMS Director, Bldg. 8610 Room L-382