

## 06-05-08 Course on nanotechnology and mathematics

May 6th - 8th 2008 Santiago de Compostela, Spain Home Organizers Program Registration Location Accommodation  
Contact  
Program

The course will be composed of four lectures (5 hours each).  
All the lectures will be delivered in English.

Nanoscience and nanotechnology. Fundamentals and applications  
José Rivas Rey, International Iberian Nanotechnology, Braga  
Luís Melo, Instituto Superior Técnico, Universidade Técnica de Lisboa

Multiscale methods. Homogenization techniques  
Yalchin Efendiev, Texas A&M University

Simulation of molecular dynamics  
Michael Griebel, Universität Bonn

Concurrent models. Atomistic to continuum (AtC) modelling  
Claude Le Bris, CERMICS - ENPC, Marne la Vallée

Time  
Tuesday 6th  
Wednesday 7th  
Thursday 8th

09:00-09:30  
Registration  
L. Melo  
C. Le Bris

09:30-10:00  
Opening

10:00-11:00  
J. Rivas

11:00-11:30  
coffee break  
coffee break  
coffee break

11:30-13:30  
L. Melo  
M. Griebel  
Y. Efendiev

13:30-16:00  
lunch  
lunch  
lunch

16:00-19:00  
M. Griebel  
C. Le Bris  
Y. Efendiev