

Short course on

# nanotechnology and mathematics

## INTENDED FOR

young researchers who want to initiate into the applications of mathematics to nanotechnology and nanoscience and, more specifically, into numerical simulation methods

## LOCATION

Facultade de Matemáticas, Universidade de Santiago de Compostela, Spain

## TIMES AND DATE

May, 6th-8th 2008  
20 hours

## PROGRAM

(All the lectures will be delivered in English)

Nanoscience and nanotechnology. Fundamentals and applications  
*José Rivas, International Iberian Nanotechnology Laboratory, Braga*  
*Luís Melo, IST, 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*

## REGISTRATION

Attendance is free of charge, but registration is mandatory

## FURTHER INFORMATION

Please visit [www.usc.es/nanomath](http://www.usc.es/nanomath)  
or e-mail *Francisco Pena* to [fpena@usc.es](mailto:fpena@usc.es)

## ORGANIZERS

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