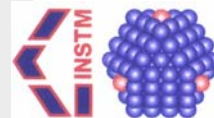




University of Perugia



Italian Consortium for  
Materials Science and Technology

# International PhD Programme on Materials Nanotechnology

## OBJECTIVES

This PhD Programme on Materials Nanotechnology will provide specific scientific and professional skills on the different scientific and technological aspects linked to the nanotechnologies of advanced materials within the framework of an intense international collaboration with the partners that form part of the European Network of Excellence "NANOFUN-POLY".

## ADDRESSED TO

The course is addressed to young graduates who have obtained 5 years degrees in engineering, chemistry, physics and materials science. Graduates from universities outside Italy must contact the organizers for instructions on the required documents to be validated by the Italian Consulate.

## LOCATION

The official location of the course is the University of Perugia, at Terni, who will grant the PhD title at the end of the 3 years programme. However, students will be able to perform most of the training course and research projects at other Universities and Research Centres in the framework of the European network of Excellence NANOFUN-POLY and of the new European Centre for Nanostructured Polymers.

## PROFESSIONAL TRAINING

The course provides 3 years of scientific and technological education in the fields of design, synthesis, development, characterization and application of nanostructured materials, with particular reference to polymeric materials, nanoparticles and polymer matrix nanocomposites. The main research sectors include chemical synthesis, basic transformation processing, sensors, plasma treatments, optoelectronics, carbon nanotubes, mathematical modelling and advanced microscopic and spectroscopic techniques.

**Registration deadline:** September 30<sup>th</sup>, 2007

**Admissions examination:** November 2007

### CONTACT PERSONS:

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