

# International summer workshop NANOSCIENCE *meets* METROLOGY:

size and shape engineering of nanoparticles  
*towards improved technologies for energy, environment and health*

27<sup>th</sup>-31<sup>st</sup> July 2015, Erice - Sicily (Italy)

Ettore Majorana Foundation and Centre for Scientific Culture

The **Roadmap Report on Nanoparticles** (NanoRoadMap FP6 project 2004-2006 ) indicated that “the manufacture of NPs with precise size and crystal orientation is among the **futuristic applications** that could enter the basic /applied R&D phases by **2010-2015**”

....now, **the time has now come**, and this workshop is intended for all scientists and technologists interested in:

1. production of nanoparticles with defined shape and size
2. measurement of their structural, morphological and surface features
3. controlled assembly and/or aggregation of nanoparticles on supports (film formation)
4. measurement of functional performance of nanoparticles , dispersed or in a supported form, for applications in three technological domains : **environmental protection and remediation, energy, health**

The **limited number of participants** (max 90) will have the possibility to present and discuss their scientific interests in the unique ambience of Erice, in Sicily, thanks to the high level organization provided by the Ettore Majorana Foundation and Centre for Scientific Culture.

To have access to the **limited cost** , **including** registration, board and lodging, transportation from and to the airports, please visit the «**events**» page of the [www.setnanometro.eu](http://www.setnanometro.eu) site

# International summer workshop NANOSCIENCE *meets* METROLOGY:

size and shape engineering of nanoparticles  
*towards improved technologies for energy, environment and health*

27<sup>th</sup>-31<sup>st</sup> July 2015, Erice - Sicily (Italy)

Ettore Majorana Foundation and Centre for Scientific Culture

The participants will have the possibility to present their research **in a programme with more than 40 oral presentation**, organized in **six sessions**, each opened by a keynote lecture, and in **one poster session**, introduced by a general overview of the contributions

Lectures will be given by the following distinguished scientists from universities, research centres, metrological institutes, private companies

**Plenary lecture:** **Dr. Roberto Comparelli**, University of Bari and CNR (Italy)

**Key notes:** **Prof. Corinne Chanéac**, Laboratoire de la Chimie de la Matière Condensée de Paris (France)

**Prof. Rodrigo Moreno**, Institute of Ceramics and Glass, Madrid (Spain)

**Dr. Wolfram Bremser**, BAM Federal Institute for Materials Research and Testing, (Germany)

**Dr. Renaud Demadrille**, Institut Nanosciences et Cryogénie (France)

**Dr. Theis Reenberg**, Photocat A/S (Denmark)

**Dr Wim de Jong**, Netherlands National Institute of Public Health and the Environment

**Abstracts** will be published in an **ISBN coded book**

**Selected papers** (max 15) will be published in the **European Physical Journal Plus**

# International summer workshop NANOSCIENCE *meets* METROLOGY:

size and shape engineering of nanoparticles  
*towards improved technologies for energy, environment and health*

27<sup>th</sup>-31<sup>st</sup> July 2015, Erice - Sicily (Italy)

Ettore Majorana Foundation and Centre for Scientific Culture

## How and when to apply:

a) send a one page **abstract by 31<sup>st</sup> May** at [setnanometro@inrim.it](mailto:setnanometro@inrim.it) (**template** at the website below)

b) acceptance: by **10<sup>th</sup> June**

c) registration: by **30<sup>th</sup> June**

all details and info: [www.setnanometro.eu](http://www.setnanometro.eu)