

## Meeting ISM vs NAST

CNR, Area della Ricerca di Roma II, Aula Convegni

22 Giugno 2009

9.00–9.30: **OPENING**

9.30–9.45: ISM activity  
*D. Fiorani*

9.45–10.00: NAST activity  
*R. Del Sole*

10.00–10.20: The Sonochemical Synthesis of Functional Materials  
*M. Ashokkumar (University of Melbourne)*

10.20–10.40: Local scanning probe microscopy on nanostructured systems and biological materials  
*A. Cricenti (ISM)*

10.40–11.00: Bio-hybrid Materials: Matching Soft and Hard Matter  
*M. Venanzi (NAST)*

*11.00- 11.20: Coffee Break*

11.20–11.40: Hybrid organic inorganic materials  
*C. Bellitto (ISM)*

11.40–12.00: Study of dynamic processes of nanostructures by means of new generation confocal spectroscopy  
*N. Rosato (NAST)*

12.00–12.20: Synthesis of multifunctional hybrid materials  
*G. Rossi (ISM)*

12.20–12.40: Nanostructured Materials for Health, Environment and Energy  
*S. Licoccia (NAST)*

12.40–13.00: Relevant issues for a Nanofactory project  
*P. Morales (ENEA, NAST)*

*13.00–14.00: Lunch*

14.00–14.20: X-Ray Photonics  
*V. Rossi Albertini (ISM)*

14.20–14.40: The NAST Instrumentation Project: design and construction of multipurpose instruments at the ISIS pulsed neutron source  
*R. Senesi (NAST)*

14.40–15.00: Nanostructured magnetic materials

*E. Agostinelli (ISM)*

15.00–15.20: Magnetic, electronic and functional properties of atomic size aggregates

*C. Carbone (ISM)*

15.20–15.40 Linear optical techniques at NAST: High Spatial Resolution Raman Scattering (HSRRS) and Reflectance Anisotropy Spectroscopy (RAS)

*W. Richter (NAST)*

15.40–16.00: Theoretical studies of defects and complexes in semiconductors and hybrid materials

*A. Amore Bonapasta (ISM)*

*16.00–16.20: Coffee Break*

16.20–16.40: Theoretical approaches to the ab-initio study of complex systems

*O. Pulci (NAST)*

16.40–17.00: Deciphering the structural properties that confer stability to a DNA nano-cage.

*A. Desideri (NAST)*

17.00–17.20: Functionalised surfaces, interfaces, molecular recognition and catalysis

*N. Zema (ISM)*

17.20–17.40: Technologies and innovative systems for the formation and the technological support to public administrations and enterprises

*C. Ottaviani (ISM)*

17.40–17.50: **CONCLUSIONS**