



## MANA – URTV-NAST WORKSHOP

# NANOMATERIALS FOR SUSTAINABLE DEVELOPMENT



*Roma, Villa Mondragone  
October 13, 2009*



# ***PROGRAM***

**Tuesday, October 13<sup>th</sup>, 2009**

<b>09:30 – 9:50</b>		<b>Welcome Addresses</b>	<b>President of NIMS President of the Faculty of Engineering</b>
<b>9:50 – 10:05</b>		<b>Presentation of NAST</b>	<b>Rodolfo Del Sole, NAST Director</b>
<b>10:05 – 10:20</b>		<b>Presentation of MANA</b>	<b>Enrico Traversa</b>
<b>P1</b>	<b>10:20-10:40</b>	<b>Hand-Operating Nanotechnology: Supramolecular Tricks</b>	<b>Katsuhiko Ariga</b>
<b>P2</b>	<b>10:40-11:00</b>	<b>Strategies to increase the operating temperature of PEMFCs: from nanocomposites to hybrids.</b>	<b>Silvia Licocchia</b>
<b>11:00 – 11:30</b>		<b>Coffee Break, Photos</b>	
<b>P3</b>	<b>11:30-11:50</b>	<b>Conformationally-constrained peptides as new materials for transport of energy and electrons.</b>	<b>Mariano Venanzi</b>
<b>P4</b>	<b>11:50-12:10</b>	<b>To be defined</b>	<b>Yuji Miyahara</b>
<b>P5</b>	<b>12:10-12:30</b>	<b>Nanoceria antagonizes apoptosis via ROS scavenging.</b>	<b>Lina Ghibelli</b>
<b>12:30 – 13:00</b>		<b>Welcome Addresses and MoU Signature</b>	<b>Rector of the University of Rome Tor Vergata President of NIMS Photos</b>
<b>13:00–14:30</b>		<b>Lunch Break</b>	
<b>P6</b>	<b>14:30-14:50</b>	<b>Exploration of new functional materials under high-pressure conditions</b>	<b>Eiji Muromachi</b>
<b>P7</b>	<b>14:50-15:10</b>	<b>Layer-by-layer pulsed laser deposition: a new tool for materials engineering.</b>	<b>Giuseppe Balestrino</b>
<b>P8</b>	<b>15:10-15:30</b>	<b>To be defined</b>	<b>Ajayan Vinu</b>
<b>P9</b>	<b>15:30-15:50</b>	<b>The nanofactory project</b>	<b>Pietro Morales</b>
<b>P10</b>	<b>15:50-16:10</b>	<b>To be defined</b>	<b>Thomas Brown</b>
<b>P11</b>	<b>16:10-16:30</b>	<b>Fabrication of innovative ceramics through advanced fine particle processing</b>	<b>Yoshio Sakka</b>
<b>P12</b>	<b>16:30-16:50</b>	<b>YSZ-based gas sensors for high temperature applications</b>	<b>Elisabetta Di Bartolomeo</b>
	<b>16:50-17:00</b>	<b>Concluding Remarks</b>	

**Wednesday, October 14<sup>th</sup>, 2009**

<b>9:30 – 13:00</b>	<b>Visits to the Laboratories at Tor Vergata</b>
<b>13:00–14:00</b>	<b>Lunch</b>