

**MATERIALI NANOSTRUTTURATI OGGI E DOMANI: CNR E ROMA TRE SI INCONTRANO**  
**(May 14<sup>th</sup>, 2024)**  
**PROGRAMME**

14:00	<b>SALUTI ISTITUZIONALI/WELCOME</b>  Coordinatore Sez. Nanoscienze-Nanotecnologie Prorettore Ricerca Direttore Scienze Direttore DIEM Direttore DICITA Direttore CNR NANOTEC Direttore CNR ISM Promotore Convenzione ISM-Scienze Responsabile Convenzione ISM-Scienze	C. Meneghini (chair) P. Visca G. Antonini S. A. Sciuto A. Micarelli G. Gigli A. Cricenti A. Di Carlo S. Iacobucci	
	<b>Title</b>	<b>Speaker</b>	<b>Institution</b>
14:40	<u><b>GUEST TALK</b></u>  <b>Exosomal Biomarker Development:                  promises, progress, challenges                  (Chairman G. Capellini)</b>	Ya-Hong Xie	Dept. Materials Science and Engineering, University of California Los Angeles (USA)
<b>SESSION 1 - Chairwoman A. Sodo</b>			
15:40	Room temperature polariton nonlinear fluids	A. Fieramosca	CNR-Nanotec
16:00	High temperature superconductors for high field applications	V. Braccini	CNR-SPIN Genova
16:20	Engineering materials in multiple scales to reach novel functionalities	G. Lanzara	DICITA
16:40	Coffee break		
<b>SESSION 2 Chairwoman G. Iucci</b>			
17:10	Noble metal nanostructures functionalized with organic compounds for plasmonic applications	A. Paladini	CNR-ISM
17:30	Exploring interface effects in magnetic thin film heterostructures	G. Varvaro	CNR-ISM
17:50	A nanoscale movement study of bacteria	G. Longo	CNR-ISM
18:10	Exciton-Exciton Annihilation dynamics in thin phthalocyanine films	S. Turchini	CNR-ISM
18:30	Round Table/Final Discussion (Chairman F. Offi)		