

Advanced SPM for Materials Investigation

SPM Workshop

19 June, 2019 / University of Naples "Federico II" Italy

Program

Time	Item	Description/ Title
09:30	Registration	
10:00	Welcome & Introduction	
10:15	Scientific Talk I	<i>Scanning Probe Microscopy and Spectroscopy on Oxides</i> Dr. Marco Salluzzo, SPIN-CNR Naples
10:35	Scientific Talk II	<i>Scanning near field optical microscopy and spectroscopy on two dimensional materials</i> Dr. Felice Gesuele Dept. Of Physics University of Naples
10:55	Scientific Talk III	<i>Piezoelectric Characterization of AlN thin films by Piezoresponse Force Microscopy</i> Dr.ssa Tiziana Stomeo, Center for Bio-Molecular Nanotechnology - Istituto Italiano di Tecnologia (IIT)
11:15	Scientific Talk V	<i>Scanning Kelvin Probe microscopy on organic thin film transistors</i> Dr. Fabio Chiarella, SPIN-CNR Naples
11:35	Coffee break	
12:00	Featured talk	<i>Enhanced Surface Potential Detection using Frequency Modulation SKPM</i> Dr. Andrea Cerreta, Park Systems Europe
12:20	AFM Instrumentation Demo	Park Systems NX10 AFM
13:20	Lunch	
14:20	Scientific Talk VI	<i>Morphological characterization of LAO/STO micro-membranes</i> Prof. Roberto di Capua University of Naples Federico II
14:40	Scientific Talk VII	<i>Nanoscale characterization of visco-hyperelastic cell membranes with atomic force spectroscopy (microscopy)</i> , Prof. Luciano Lamberti, Politecnico of Bari
15:00	Round Table Discussion	<i>Most advanced research trends</i>

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Host / Organizer



Physics Department “Ettore Pancini”, University of Naples Federico II

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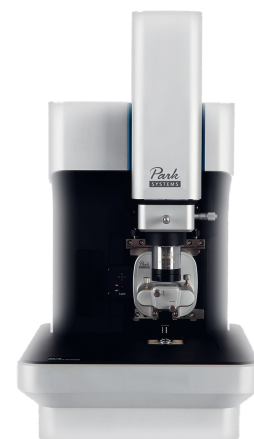
Local host: Antonio Cassinese, Physics Department, University of Naples Federico II

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Acknowledgements

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