WORKSHOP: Advanced SPM for Materials Investigation Napoli 19 Giugno

Vi invitiamo a partecipare al Workshop "Advanced SPM for Material Investigation", che organizzeremo insieme all' Università Federico II di Napoli, CNR SPIN e Park System AFM, durante la giornata del 19 di Giugno 2019.

Luogo dell'evento: Università Federico II di Napoli sede di Ingegneria della Scuola Politecnica e delle Scienze di Base (Aula Bobbio) in P. le Tecchio.
Potete aderire inviando una e-mail alla Sig.ra Stefania Fabbri stefania.fabbri@gambetti.it, oppure telefonandoci al numero 02 90093082.

Programma

Time	Item	Description/ Title
09:30	Registration	
10:00	Welcome & Introduction	Local Host Università di Napoli Federico II Dip. Di Fisica e C.N.R. SPIN Introduction by Prof. Antonio Cassinese
10:15	Scientific Talk I	Scanning Kelvin Probe microscopy on organic thin film transistors *Dr. Fabio Chiarella, SPIN-CNR Naples*
10:35	Scientific Talk II	Scanning Probe Microscopy and Spectroscopy on Oxides *Dr. Marco Salluzzo, CNR-SPIN*
10:55	Scientific Talk III	Scanning near field optical microscopy and spectroscopy on two dimensional materials

		Dr. Felice Gesuele Dept. Of Physics University of Naples
11:05	Scientific Talk IV	Piezoelectric Characterization of AlN thin films by Piezoresponse Force Microscopy *Dr.ssa Tiziana Stomeo, Center for Bio-Molecular Nanotechnology – Istituto Italiano di Tecnologia (IIT)*
11:35	Coffee break	
12.00	Featured talk	Enhanced Surface Potential Detection using Frequency Modulation SKPM *Dr. Andrea Cerreta, Park Systems Europe*
12:20	Scientific Talk V	Morphological characterization of LAO/STO micro-membranes *Prof. Roberto di Capua University of Naples Federico II*
12:40	Scientific Talk VI	Nanoscale characterization of visco-hyperelastic cell membranes with atomic force spectroscopy microscopy) *Prof. Luciano Lamberti, Politecnico of Bari*
13:00	Scientific Talk VII	Elasto-mechanical study of MoS2 domes by Atomic Force Microscopy and Spectroscopy *Prof. Fabrizio Bobba University of Salerno*
13:20	Lunch	
14.20	AFM Instrumentation	Demo Park Systems NX10 AFM
15:20	Round Table Discussion	Most advanced research trends