



Università degli Studi di Catania - Dottorato di Ricerca in Scienza dei Materiali

AVVISO di SEMINARIO

Si comunica che, nell'ambito delle attività del Dottorato in Scienza dei Materiali ed in collaborazione con il progetto europeo Nanobiomaps,

Martedì **19 febbraio 2008**, secondo l'allegato programma, si terrà un workshop dal titolo:

ToF-SIMS: Opportunities and Challenges for Molecular Mapping of Biological Model Systems, Cells, and Tissues

presso l'**AULA A** del Dipartimento di Scienze Chimiche (viale A.Doria 6, Edificio 13)

Dalle ore 9,00 alle ore 13,15

Catania, 12 febbraio 2008

Il Coordinatore del Dottorato
Prof. Antonino Licciardello

Il Direttore del Dipartimento di Scienze Chimiche
Prof. Gaetano Tomaselli



Invitation to Workshop

ToF-SIMS: Opportunities and Challenges for Molecular Mapping of Biological Model Systems, Cells, and Tissues

Tuesday, 19 February 2008

Lecture room A (Aula A)

**Department of Chemistry, University of Catania,
Catania, Italy**

Program

Time	Speaker	Title
09.00 – 09.45	Prof. Heinrich Arlinghaus University of Münster Germany	<i>Possibilities and Limitations of Time-of-Flight Secondary Ion Mass Spectrometry and Laser Secondary Neutral Mass Spectrometry in Life Sciences</i>
09.45 – 10.15	Prof. Giovanni Marletta University of Catania Italy	<i>Engineered Surfaces for Controlled Cell Adhesion</i>
10.15 – 10.45	Prof. Fredrik Höök Lund University Sweden	<i>Biomimetic Surfaces for Biosensing and Molecular Diagnostics</i>
10.45 – 11.15	COFFE BREAK	
11.15 – 11.45	Dr Mathis Riehle University of Glasgow United Kingdom	<i>Cell Engineering and Strategies for Preparation of Cells for ToF-SIMS</i>
11.45 – 12.15	Dr Felix Kollmer IONTOF GmbH Germany	<i>Low Energy Organic Depth Profiling and Surface Analysis using Cluster Ion Beams</i>
12.15 – 12.45	Prof. Peter Sjövall SP Technical Research Institute of Sweden, Sweden	<i>Imaging ToF-SIMS Analysis of Lipids in Biological Cells, Tissues and Model Systems</i>
12.45 – 13.15	Prof. Antonino Licciardello University of Catania Italy	<i>Imaging ToF-SIMS of Biomolecules Patterned on Surfaces</i>
13.15 – 15.00	LUNCH	
15.00	END OF WORKSHOP	