

everything you need to know about ellipsometry

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committee:



CNR - IMIP, Bari; Maria Losurdo



CNRS - LPICM, Palaiseau;
Antonello de Martino



JKU - Linz; Kurt Hingerl



IF - Berlin; Norbert Esser



Brno - University;
Josef Humlíček



IF - Belgrade; Rados Gajic

HJY - Paris; Denis Cattelan

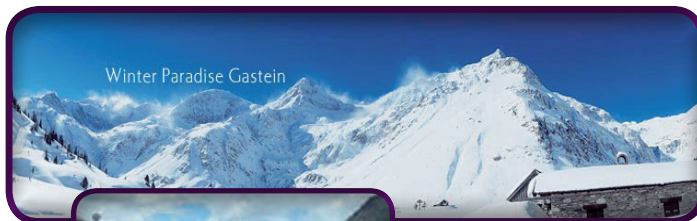
HORIBAJOBIN YVON

IoN - Edinburgh; Otilia Saxl



venue:

Kongresszentrum Bad Hofgastein
Kur- und Sporthotel Palace
www.kurhotelpalace.at



lodging & boarding:

Full Board and lodging is arranged by the school at the Kurhotel Palace at cost of: 500 € per person (double occupancy) (single occupancy on request)

registration fee:

No registration fee - the school is sponsored by the European Project NanoCharM. NanoCharM will also sponsor a limited number of students. To apply please send a short CV + half page explaining your interest in ellipsometry to:

michael.bergmair@jku.at

**Closing date for applications:
Dec 15th 2009**

Submission of poster abstracts and registration at

www.nanocharm.org



nan@charm

3rd WINTERSCHOOL on ELLIPSOMETRY

From Fundamentals to Applications in Nanoscience and Nanotechnology

27 feb - 5 march 2010
Kongresszentrum
Bad Hofgastein
Salzburg / Austria

what is NanoCharM?

A European Project, under the Seventh Framework Programme (FP7) on Multi-functional Nanomaterials Characterization Exploiting Ellipsometry and Polarimetry. The consortium consists of eight project partners under the coordination of CNR-IMIP, Bari.



objectives of NanoCharM

- to characterize the nanoworld, using ellipsometry and polarimetry
- to provide a platform for nanomaterials and nano applications exploiting ellipsometry
- to develop and refine the nano measurement tools of the future
- to promote education, communication, dissemination of knowledge, networking, research and innovation in characterization of nanomaterials

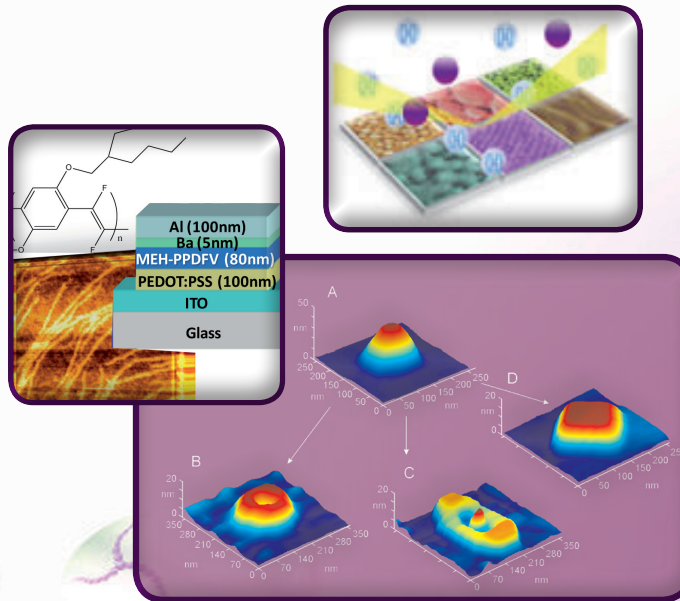


school objectives

This winterschool is the 3rd school in the frame of the EU Project NanoCharM. The lectures are separated in basic and advanced levels and therefore next to the basics and fundamentals of ellipsometry also special topics will be treated. A special focus will be set on surface plasmons and negative refraction structures.

who may benefit?

The school is aimed at students, researchers and SMEs interested of any level and knowledge of ellipsometry. It helps in understanding the properties of nanomaterials, nano-devices and related processes through the use of polarimetry and ellipsometry techniques.



program

lectures:

Manuel Cardona, *MPI Stuttgart*

Eugene Irene, *University of North Carolina*

Dave Aspnes, *North Carolina State University*

Joachim Krenn, *University of Graz*

Josef Humlíček, *Brno University*

Wolfgang Richter, *University Roma III*

Denis Cattelan, *HJY Paris*

Antonello de Martino/Razvigor Ossikovski, *CNRS Paris*

Norbert Esser, *ISAS - Berlin*

Rados Gajic, *Institute of Physics - Belgrade*

Alberta Bonanni, *University of Linz*

Peter Zeppenfeld, *University of Linz*

Kurt Hingerl, *University of Linz*

poster session:

Attendants will discuss posters on their activity with a tutor to explore potential of ellipsometry in their field.

practice sessions:

Measurements & Analysis Lab room equipped with the latest ellipsometers; Hands-on sample analysis

www.nanocharm.org

A Diploma in Ellipsometry Practice
will be awarded to students

Attendants are encouraged to
bring their own samples!