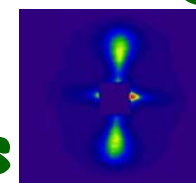
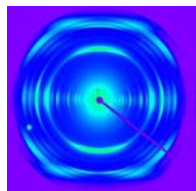




II Workshop on Applications of Synchrotron Light to Non-Crystalline Diffraction in Materials and Life Sciences



15-17 October 2007



Madrid, Spain

Venue

The workshop will take place at:

Instituto de Estructura de la Materia, CSIC

<http://www.iem.cfmac.csic.es/fmacro/ncd07/>

Serrano 119, Madrid, Spain

Madrid is easily accessible by air, rail and road.

Workshop Address

Please send an **Abstract** (indicating oral or poster preferences) to Aurora Nogales:

e-mail: emnogales@iem.cfmac.csic.es
Instituto de Estructura de la Materia, CSIC
Serrano 121, Madrid 28006, Spain

Organizing Committee

Mari Cruz García
Marian Gómez
Tiberio Ezquerra
Aurora Nogales

Deadlines

Abstract submission

31/May/2007

Final Program

15/September/2007

Sponsors



COST P12
'Structuring of polymers'



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ESPAÑA**



Invitation

You are cordially invited to participate in the:

II Workshop on Applications of Synchrotron Light to Non-crystalline diffraction in Materials and Life Sciences

to be held October 15-17, 2007 at:

Instituto de Estructura de la Materia, CSIC,
Madrid-Spain

The aim of the workshop is to offer an overview about the present state of the art in the field of Non-crystalline diffraction in Materials and Life Sciences. The workshop will consist on several plenary lectures, oral presentations of 15 minutes and a poster session

Topics

-Biological systems - Polymers - Composites - Colloidal Systems- Related Materials

Confirmed Plenary Speakers

Wim Bras (ESRF, France)

Benjamin Hsiao (SUNY@Stonybrook, USA)

Theyencheri Narayan (ESRF, France)

Christian Riek (ESRF, France)

Dimitri I. Svergun (EMBL-Hamburg, Germany)

Norbert Stribeck (Hamburg University, Germany)

Jan Skov Pedersen (University of Aarhus, Denmark)

Confirmed Oral Contributions

Giancarlo Alfonso. [Univ. Genova](#). Title to be announced

Felisa Berenguer. [CELLS](#). "Time-resolved diffraction studies of the activation of muscle fibres"

Diego Cazorla. [Univ. Alicante](#). "Porosity development in carbon fibres as explored by micro-SAXS"

Mercedes Cócera. [UAB](#). "Ordering of bicelles and peptide-membrane interactions"

Richard Davies. [ESRF](#). "Scanning microdiffraction applied to polymeric materials"

Zlatan Denchev. [U. Minho](#). "Micro- and Nanofibrillar Composites Based on Oriented Polymer Blends"

Gary Ellis. [ICTP-CSIC](#). "Synchrotron Infrared Microspectroscopy"

Francois Fauth. [ESRF](#). "BM16 and Non Crystalline Diffraction: 18 months of user operation"

Araceli Flores. [IEM-CSIC](#). "Recrystallization studies in cold crystallized PET: influence of confinement"

Sergio Funari. [DESY](#). "Possibilities of SAXS to soft-condensed matter in A2 beam-line at HASYLAB"

Bart Goderis. [Katholieke Univ Leuven](#). "Reaction induced multiple phase separation in silica gels and epoxy resin blends followed by synchrotron SAXS and SALS"

Ian W. Hamley. [Univ. Reading](#). Title to be announced

José María Lagarón. [IATA-CSIC](#). Title to be announced

Olga López. [IIQAB-CSIC](#). "Characterization of skin layers by diffraction of collagen fibres"

Geoffrey R Mitchell. [Univ. Reading](#). "Inhibiting Crystallisation through Shear Flow"

Sebastian Muñoz Guerra. [Univ. Polytec. Catalunya](#). Title to be announced

Mercedes Pérez. [ICTP-CSIC](#). "Interaction of cholesteric liquid-crystal polymers with nucleic acids by SAXS"

Ernesto Pérez. [ICTP-CSIC](#). "Real-time synchrotron study of the parallel and perpendicular orientation in liquid-crystalline polymers"

Javier Pérez. [Soleil](#). Title to be announced

Giuseppe Portale. [ESRF](#). Title to be announced.

Miguel Angel Rodriguez-Pérez. [Univ Valladolid](#). "Applications of Synchrotron Light to the characterisation of the microstructure of polymer based foams"

Manfred Roesle. [EMBL Hamburg](#). "Fast SAXS data recording in small sample volumes: The new EMBL BioSAXS beamline at PETRA-3"

Stephan Roth. [DESY](#). "GISAXS - new opportunities in combination with USAXS, micro- and nanobeams"

Manel Sabés. [UAB](#). "Melanoma diagnosis by diffraction of collagen fibres"

Alejandro Sanz. [Imperial College](#). "Structure and dynamics of miscible nanoparticle-polymer composites"

Igor Sics. [CELLS](#). "Proposed layout of the Non Crystalline Diffraction End Station at Alba. Possibilities for Polymer Science."

Agneta Svensson. [CELLS](#). "Current status of the Non Crystalline Diffraction Station at Alba storage ring"

Cilaine Teixeira. [UAB](#). "Characterization of mesoporous materials by SAXS"

Andreas Wurm. [Univ. Rostock](#). "Simultaneous measurements of thermal and dielectric properties as well as SAXS/WAXS experiments during polymer crystallization"