

Soft 2011 Matter CONFERENCE World LISTING



February 2011

European Conference on Liquid Crystals, ECLC 2010

6-11 February, 2011

University of Maribor, Slovenia

The conference will bring together both prominent scientists and students covering a broad range of scientific fields entering liquid crystal research. The conference will consist of plenary and invited talks, oral presentations and posters. Some of the topics include: Polymeric, elastomeric and dendrimeric liquid crystals/Lyotropic and biological systems/Phases structures, defects, confined systems/Colloids, metamaterials, photonics.

<http://eclc2011.fnm.uni-mb.si/>

Fifth International Conference on Advanced Materials and Nanotechnology: AMN-5

7-11 February, 2010

Wellington, New Zealand

The biennial conference offers a broad interdisciplinary overview of advanced materials and nanotechnology, and provides an exciting forum to discuss new and exciting advances in the field. A technical symposium on Soft Matter is planned.

<http://www.confer.co.nz/amn-5/>

32nd Australasian Polymer Symposium

February 13-16, 2011

Coffs Harbour, Australia

The 32nd Australasian Polymer Symposium (32APS) organised by the Royal Australian Chemical Institute (RACI) Polymer Division. Topics Include: Latest developments in polymer synthesis/Latest trends in polymer characterization/Advanced Materials/Polymers for Health, Environment, Water Treatment, Electronics and Energy

<http://www.32aps.org.au/>

IFF Spring School 2011

14-25 February, 2011

Jülich, Germany

The goal of this spring school is to teach soft matter and biophysics to students and postdocs in physics, chemistry and biology while also establishing the interdisciplinary connection between these fields. The school provides about 50 hours of lectures, including discussions, and offers the opportunity to visit the participating Institutes at the Research Centre Jülich.

<http://www.fz-juelich.de/iff/fs2011/>

March 2011

The 55th Annual Meeting of the Biophysical Society

March 5-9, 2011

Baltimore, Maryland

The conference will be home to over 120 scientific sessions, 3500 poster presentations, 200 exhibits, career and job placement programs and much more. The conference will bring together 6,500 biophysicists from around the world from every end of the industry.

www.biophysics.org/2011meeting

April 2011

Metamaterial Workshop

9-12 April, 2011

Hangzhou, China

This workshop will bring together prominent scientists, postdoctoral fellows and students, and will enable the scientists in the areas of electromagnetics, photonics, soft materials, energy materials and nanotechnology to discuss recent advances in the field of metamaterials. Many participants of ICAM meeting in the thrust areas of soft matter, quantum matter and energy materials will be able to participate it.

<http://icamconferences.org/metamaterial/>

2011 MRS Spring Meeting

25-29 April, 2011

San Francisco, California

The MRS Spring Exhibit will provide a unique opportunity to present innovative products and services to over 4,000 attendees from all sectors of the global materials science and engineering communities. With over 50 symposium topics the conference will encompass a variety of Soft Matter relevant research in a truly interdisciplinary fashion.

<http://www.mrs.org/spring2011/>

INTERMAG - Asia Magnetism Conference

25-29 April, 2011

Taipei, Taiwan

Intermag is planned to provide a range of oral and poster presentations, invited talks and symposia, a tutorial session, and exhibitions reviewing the latest developments in applied magnetism.

Topics Include: ■ Soft magnetic materials and applications ■ Crystalline, nanocrystalline and amorphous materials ■ Ferrites, Garnets and other materials ■ Magneto-dielectric materials or meta-materials ■ Applications

Advance registration deadline is April 1, 2011.

<http://intermag.onestep.com.tw/>

May 2011

Colloids and Materials 2011

8-11 May, 2011

Amsterdam, The Netherlands

The 1st International Symposium on Colloids and Materials, organized by Elsevier, will communicate research from the frontiers of colloid and materials science.

Conference themes include: ■ Soft materials from surfactants, polymers and dendrimers; ■ Supersolvophobic surfaces, wetting and surface functionalization ■ Green nano and colloid chemistry ■ Responsive colloidal materials

<http://www.colloidsandmaterials.com/index.asp>

Mesoscale Hydrodynamic Simulation of Non-Equilibrium and Driven Soft-Matter Systems

9-11 May, 2011

Forschungszentrum Jülich, Germany

The workshop is focused on the behavior of soft matter under non-equilibrium conditions addressing colloids, (bio)polymers, membranes and cells in external fields, e.g., microfluidic channels or capillaries, as well as self-propelled systems. It aims to bring together experts from theory, simulations, and experiments, who are invited to provide their point of view on challenges in non-equilibrium soft matter research.

<http://www.cecam.org/workshop-582.html>



May 2011

Understanding Interfaces Between Hard and Soft Matter

May 11-14, 2011

Lausanne, Switzerland

The interface between hard matter (such as minerals, metals, semiconductors) and soft-matter (organic molecules such as polymers and proteins) unites two aspects of the same problem-this workshop aims at addressing both. Over the course of the workshop six research topics are offered which can be found on the website.

<http://www.cecam.org/workshop-516.html>

Black Forest Focus on Soft Matter 5 - "Self-Assembly on all Scales"

25-27 May, 2011

Saig/Titisee, Black Forest, Germany

This workshop, hosted by the FRIAS Center for Soft Matter Research, invites researchers working on experiment, theory and computer simulation in different fields relevant for the self-assembly process.

The fields range from self-assembly processes in biology, synthesis of artificial units, growth of colloidal crystals (with emphasis on anisotropic particles), to packaging in nano- and microelectromechanical systems.

<http://www.frias.uni-freiburg.de>

Mainz Materials Simulation Days 2011

25-27 May, 2011

Mainz, Germany

The Mainz Materials Simulation Days are a series of discussion meetings focusing on method developments in computational materials science.

Central Themes of conference are: ■ Assembly and structure formation in biological systems, e.g. protein self-assembly; (multiscale) modeling of biological materials ■ Driven Soft Matter Systems

The deadline for contributions is April 15, 2011.

<http://www.mpip-mainz.mpg.de/mmsd>

Inter-Continental Advanced Materials for Photonics Summer School (I-CAMP) 2011

18 May - 17 June, 2011

Montevideo, Uruguay/Buenos Aires-Corrientes, Argentina

The Inter-Continental Advanced Materials for Photonics (I-CAMP) Summer School will enable researchers working at the forefronts of materials science & photonics to discuss the emerging uses of light for control and fundamental study of matter and advances in the use of materials to control light. The I-CAMP School will provide education for young scientists working in materials science, optics, photonics, biophysics, nanoscience, and related fields.

<http://icamconferences.org/i-camp2011/>

Asia-Europe Symposium on Processing and Properties of Reinforced Polymers

29 May - 1 June, 2011

Dresden, Germany

The symposium is intended to be the meeting place for academic researchers and industrial experts, bringing together fundamental and application related topics. In particular, young researchers are encouraged to present their work. The most important aspects and recent developments of reinforced polymers will be covered.

This includes both fundamental research and application related product developments; ■ Fundamental aspects of reinforcement and matrices ■ Interphases and interfaces ■ Advances in polymer composites ■ Functional and smart composites ■ Bio-composites ■ Fracture ■ Manufacturing and processing ■ Industrial application

<http://www.ipfdd.de/Asia-Europe-Symposium-on-Processing-and.1917.0.html?&L=0>

June 2011

GRC Presents: Liquid Crystals

19-24 June, 2011

Mount Holyoke College, MA

The 2011 Gordon Conference on Liquid Crystals will provide a venue for intellectual and enlightening discussions of ideas at the emerging and frontier of liquid crystal science and technology. The coverage of this conference will be extremely broad. The participants will include invited speakers representing both academia and industry with a wide range of expertise in the topic areas.

<http://www.grc.org/>

4th Warsaw School of Statistical Physics

25 June- 2 July, 2011

Kazimierz Dolny, Poland

The 4th session of the Warsaw School of Statistical Physics is primarily aimed at introducing young scientists to the most important areas of research in the vast field of statistical physics. Organizers have invited distinguished scientists to give comprehensive, pedagogical and inspiring lectures.

<http://www.fuw.edu.pl/~wssph/index.html>

17th APS International Conference on Shock Compression of Condensed Matter

26 June - 1 July, 2011

Chicago Illinois

The purpose of this conference, as with earlier conferences in this series, will be to provide a forum for the exchange of ideas and technical information for scientists and engineers studying the physics, chemistry, mechanics, and materials science of condensed matter at high pressures.

Some of the planned technical sessions related to soft-matter include: ■ Biological / Nanomaterials ■ Composites and Polymers ■ Materials Science ■ Particulate / Porous Materials ■ Phase Transitions

Abstract submission tentatively closes on February 18th.

<http://www.marquette.edu/aps2011/index.html>

July 2011

10th International Conference on Materials - MC10

4-7 July, 2011

Manchester, United Kingdom

The 'MC' conference series is the flagship event of the RSC's Materials Chemistry Division. The five main themes will be distributed across four parallel sessions. Each symposium will have a keynote speaker followed by contributed speakers.

The themes are; ■ Energy and sustainability ■ Advanced technologies & nanomaterials ■ Life and health ■ Soft matter ■ Crystalline solids. The call for poster abstracts is the May 6th, 2011.

www.rsc.org/ConferencesAndEvents/RSCConferences/MC10/

PetroPhase 2011

10-14 July, 2011

Imperial College London, London, UK

PetroPhase is organised by the IOP Liquids and Complex Fluids Group. The meeting offers industry and academia an opportunity to present and discuss the most recent advances relevant to both upstream and downstream. Topics include: ■ Petroleum phase behavior ■ The formation/mitigation of organic solid phases ■ Emulsions and colloids ■ Desalting ■ Structure and composition of heavy oils, asphaltenes, and trace contaminants.

Early registration opens April 28, 2011.

<https://www.eventsforce.net/iop/>



July 2011

Sigma-Phi International Conference on Statistical Physics

11-15 July, 2011

Ayia Napa, Cyprus

The Sigma-Phi International Conference on Statistical Physics will be organized in sessions dealing with general aspects and applications of statistical physics. Six different workshops will be offered: ■ Biophysics ■ Nanophysics ■ Econophysics and Sociophysics ■ Complex Networks ■ Mathematical Physics ■ Mathematical Statistics

The Annual Meeting of the EPS-SNP (European Physical Society - Statistical and Nonlinear Physics Division) will be held during the Conference. The 2nd call for abstracts is February 20th and registration opens March 20th.

<http://www.sigmaphi2011.org/>

DYNACOP Summer School/CECAM Conference: Polymer Dynamics

18-29 July, 2011

Capri, Italy

The DYNACOP summer school will be held in conjunction with a CECAM workshop. The central aim of this summer school/workshop is to bring together experts in all three levels of polymer dynamics modelling (experimental, theoretical and computational) with a view towards discussing the current state in each area and proposing methods for mapping between models.

<https://eudoxus.leeds.ac.uk/dynacop/CapriJuly11.html>

Black Forest Focus on Soft Matter 6 - "Magnetic Resonance Microsystems"

27-29 July, 2011

Saig/Titisee, Black Forest, Germany

This workshop, hosted by the FRIAS Center for Soft Matter Research, will focus on miniaturization issues of magnetic resonance equipment and experiments.

<http://www.frias.uni-freiburg.de>

August 2011

Soft Matter Far from Equilibrium

14-19 August, 2011

Colby-Sawyer College, New London, NH

The 2011 Gordon Conference on "Soft Condensed Matter Physics: Soft Matter Far from Equilibrium" will highlight a wide range of phenomena at the forefront of soft materials research where traditional concepts, based on equilibrium physics, fail to provide an accurate description. In conjunction with this conference is a Gordon-Kenan Research Seminar from the 13-14 of August. This seminar will be a unique forum for graduate students, post-docs, and other scientists with comparable levels of experience and education to present and exchange new data and cutting edge ideas.

<http://www.grc.org/>

September 2011

8th Liquid Matter Conference

6-10 September, 2011

Wien, Austria

The LMC8 will be organized jointly by the Liquids Section of the Condensed Matter Division of the European Physical Society, the Universität Wien, and the Technische Universität Wien.

The aim is to bring together scientists working on the liquid state of matter and on closely related topics, such as soft matter and biophysics.

The topics include: ■ Liquid crystals ■ Polymers, polyelectrolytes, biopolymers ■ Colloids ■ Films, foams, surfactants, emulsions, aerosols ■ Supercooled liquids, glasses, gels ■ Biofluids, active matter

The deadline for abstract submission is April 1st, and early registration is open until June 20th.

<http://lmc2011.univie.ac.at/>

International Liquid Crystal Elastomer Conference

5-7 September, 2011

Lisbon, Portugal

Following the tradition of the previous ILCEC meetings the conference will bring together physicists, chemists, and engineers active in the field of liquid crystal elastomers. Experimental, theoretical, and technical issues will be discussed through talks (invited and contributed) as well as poster presentations.

Presentations will be delivered under the following main topics; ■ Biomaterials ■ Nanomaterials ■ New Materials ■ Response and Applications ■ Response and Characterization ■ Theory and Modeling

Deadline for abstract submission is April 30th, 2011.

http://www.fct.unl.pt/ilcec2011/index_html

IberRheo 2011

7-9 September, 2011

Caparica, Portugal

Following the two previous and successful Iberian Rheology Meetings (Beja2004 and Madrid 2008) the Iberreo2011 will be organized with the auspices of the Portuguese Society of Rheology (SPR) and the Spanish Rheology Group (GER), and intends to offer the opportunity to find out new advances in different topics and meet with academia and industrial researchers.

Oral and poster presentations will be delivered under the following topics: ■ Biopolymers and Biomaterials ■ Fluid Mechanics and numerical simulation ■ Food, Cosmetics and Pharmaceutical products ■ Multiphasic Systems and Composites ■ Polymers and Liquid Crystals ■ Rheometry and Experimental Methods

<http://www.fct.unl.pt/ibereo2011>

Physical Aspects of Polymer Science

12-14 September, 2011

University of Surrey, UK

This is the 25th biennial meeting of the IOP Polymer Physics Group. The scope of the meeting covers all physical aspects of polymers. The programme will include the Founders' lecture, the Best Student Paper Prize Lecture, and the APS DPoly Exchange Lecture.

The early registration deadline is August 12, 2011.

<https://www.eventsforce.net/iop/>



October 2011

2011 World Materials Summit **8-12 October, 2011** **Washington, DC**

The Materials Research Society (MRS) presents The 2011 World Materials Summit which will provide a forum for the world's key decision makers and energy experts to focus on the materials research needs for our emerging energy economy. As this is an invitation-only gathering MRS will be hosting a Student Congress in conjunction with the summit.

This is a program for active graduate students and postdoctoral scholars in fields directly related to energy and environmental science, engineering and/or policy. 50 participants from around the world—the best and the brightest next-generation scientists, engineers and leaders—will be invited to join the Summit and work alongside today's energy experts.

<http://www.emrs-strasbourg.com/>

November 2011

Jülich Soft Matter Days 2011 **15-18 November, 2011** **Bonn, Germany**

The Institute of Solid State Research (IFF) at Jülich Research Centre returns with the annual Jülich Soft Matter Days. Visit the conference website periodically as more information will be posted soon.

<http://www.fz-juelich.de/iff/jsmd2011>

2011 MRS Fall Meeting and Exhibit **28 November - 2 December, 2011** **Hynes Convention Center, Boston, MA**

The 2011 MRS Fall Meeting will host 46 technical symposia, an international exhibit and more. Abstract submission will run from May 21 - June 21, 2011. The symposia topics are; ■ Biomaterials ■ Energy and the Environment ■ Functional Materials ■ Materials Exploration ■ Nanomaterials.

The Call For Papers will be posted on the site soon so check back periodically.

<http://www.mrs.org/fall2011/>