

SCOPE

Self-assembly and hierarchical structure formation spanning multiple length scales is a common property of biological materials. Also advanced engineering materials exhibit a complex hierarchical microstructure from molecular to macroscopic length scales. The underlying physics and chemistry linking structure formation processes across multiple length scales is largely unexplored. Often small changes on the molecular length scale cause dramatic effects on much larger length scales, as examples from biology show. Further topics of the conference will cover self-healing and self-adaptive materials, biomaterials, multi-block copolymers forming spatially complex structures, dynamics of structure formation and non-equilibrium phenomena, morphological description and properties of hierarchically structured materials.

The conference will bring together experts from different fields of polymer science and provide a forum for discussion of common underlying principles causing hierarchical structure formation in polymeric materials. The conference will comprise keynote lectures and presentation of contributed talks and posters.

KEYNOTE SPEAKERS

Markus J. Buehler, Massachusetts Institute of Technology
Daniel Cohn, Hebrew University of Jerusalem
Holger Frauenrath, Ecole Polytechnique Fédérale de Lausanne
Daniel Grande, CNRS-Université Paris XII
Nikos Hadjichristidis, University of Athens
Yu Han, King Abdullah University of Science and Technology
Stephen Hyde, Australian National University
Olli Ikkala, Helsinki University of Technology
James Kirkpatrick, Johannes-Gutenberg-Universität, Mainz
Claudio Migliaresi, Università degli Studi di Trento
Rui L. Reis, Universidade do Minho
Thomas Scheibel, Universität Bayreuth

CALL FOR CONTRIBUTIONS

Please send abstracts (1 page, PDF format) of contributed talks and posters to mgv@dcci.unipi.it.

Abstract submission by 5 March, 2010.

Notice of acceptance by 27 March, 2010.

PROGRAM COMMITTEE

Chairs:

Gerd Schröder-Turk, Universität Erlangen-Nürnberg

Robert Magerle, Technische Universität Chemnitz

Julio San Roman, CSIC, Madrid

Members:

Giancarlo Galli, Università di Pisa

Paolo Ferruti, Università degli Studi di Milano

Alexei R. Khokhlov, Moscow State University

Franz Stelzer, Technische Universität Graz

CONFERENCE SECRETARIAT

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With the support of:

Associazione Italiana di Scienza e Tecnologia delle Macromolecole (AIM)

Grupo Especializado de Polímeros (GEP)



VENUE

Palazzo Feltrinelli

via Castello 3

25084 Gargnano (BS)

Italy

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REGISTRATION & CONFERENCE FEES

Please register online: www.dcci.unipi.it/eupoc2010

Registration fee

by 23 April: after 23 April:

Full delegate	€ 600	€ 650
Student	€ 400	€ 450
Companion	€ 250	€ 300

The conference fee includes admittance to the scientific program, coffee breaks, lunch on working days at Palazzo Feltrinelli, welcome reception, and conference dinner.

ACCOMMODATION

Please see the conference website for a list of hotels. Early booking is highly recommended!

Limited accommodation will also be available at Palazzo Feltrinelli for students and young researchers at a discount price. Please address request to the conference secretary.

EUROPOLYMER CONFERENCES

The European Polymer Federation (EPF) is organizing annual Europolymer Conferences (EUPOC) since 1998. The conferences with about 100 participants comprise invited keynote lectures as well as contributed talks and posters. The venue Palazzo Feltrinelli is located directly at Lake Garda, Italy. Its beautiful setting and the residential style of the conference promotes the exchange of ideas and scientific discussions.

Recent EUPOC conferences have been held on:

Polymers in Nanoscience and Nanotechnology (2005)

Branched Macromolecular Structures (2006)

From Polymer Structure & Rheology to Process Modeling (2007)

Advanced Polymeric Materials for the Energy Resources Exploitation (2008)

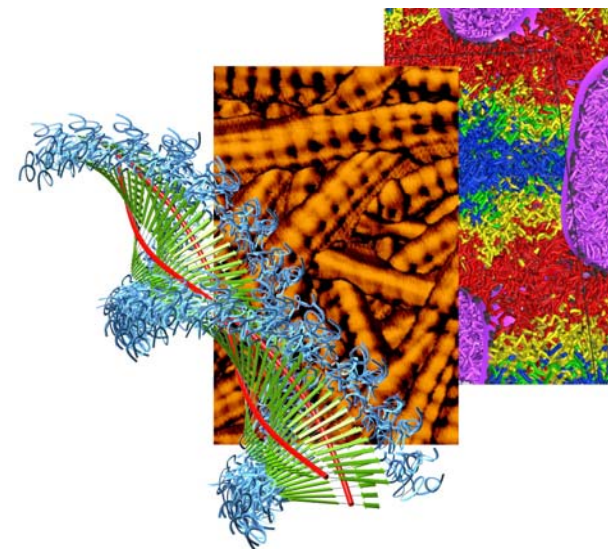
Click Methods in Polymer and Material Science (2009)

www.dcci.unipi.it/eupoc2010

EUPOC 2010 EPF Europolymer Conference

1st Announcement
Call for Contributions

Hierarchically Structured Polymers



30 May - 4 June, 2010

Gargnano - Lago di Garda
Italy

European Polymer Federation



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