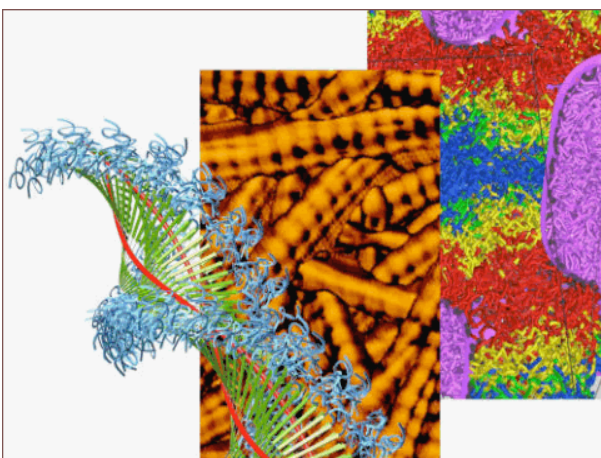


# EUPOC2010

## HIERARCHICALLY STRUCTURED POLYMERS

May 30<sup>th</sup> - June 4<sup>th</sup> - Gargnano Lago di Garda - Palazzo Feltrinelli



Chemistry, physics and applications of polymeric materials with structures at multiple length scales

### Chairs

- **Robert Magerle**  
Technical University Chemnitz (Germany)
- **Julio San Roman**  
Institute of Polymers, CSIC (Spain)
- **Gerd Schröder-Turk**  
University of Erlangen-Nürnberg (Germany)

### Topics

- **S**tructure formation mechanisms and self-assembly
- **P**hysical properties and biological function
- **M**edical and bioengineering applications
- **S**tructure and morphology characterization

### Invited Speakers -

- **Markus J. Buehler** - MIT (USA) - *"Materiomics: Multiscale Science of Hierarchical Biological Materials, from Nano to Macro"*
- **Daniel Cohn** - Hebrew University of Jerusalem (IL) - *"From Nanometric to Macroscopic "Smart" Biomedical Constructs"*
- **Holger Frauenrath** - EPFL (CH) - *"Oligopeptides as a Tool to Organize Synthetic Polymers"*
- **Daniel Grande** - CNRS Université Paris XII (F) *"Crossing Length Scales in Porous Polymer Structures: From Nanostructured Macromolecular Architectures to Functional Materials"*
- **Yu Han** - King Abdullah University of Science and Technology (SA) *"Synthesis and Structure of the Tri-continuous Mesoporous Silica IBN-9"*
- **Stephen Hyde** - Australian National University (AUS) - *"Theory of Tricontinuous Mesostructures with Three-Phase Star-Shaped 'Linactants'"*
- **Olli Ikkala** - Helsinki University of Technology (FI) - *"Self-Assembled Hierarchies and Conformational Control in Polypeptide Complexes"*
- **James Kirkpatrick** - J.-Gutenberg-Universität Mainz (D) *"Cell-polymer Interactions in Regenerative Medicine: Complex Model Systems in Vitro"*
- **Claudio Migliaresi** - Università degli Studi di Trento (I) *"Breath Figures Patterns in Polymers: Dynamics and Potential Application in Biomedicine"*
- **Christine Peters** - MPI Polymer Research Mainz (D) *"Development of Hierarchical Simulation Models for Synthetic and Biological Materials"*
- **Rui L. Reis** - Universidade do Minho (P) *"New Approaches and Some Elaborated Strategies for the Proper Engineering of Skeletal Tissues"*
- **Thomas Scheibel** - Universität Bayreuth (D) - *"From Self-Assembling Spider Silk Proteins to Tailored Complex Materials"*



Deadline for Online Registration & for Abstract Submission: **March 19, 2010**

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