



**EURES CO  
Conferences**

*A Programme of the European Science Foundation*

# **Interfaces and Colloidal Systems**

## **Structure and Dynamics of Polymers and Colloidal Systems**

*Giens (near Toulon), France, 10-15 September 2004*

Chair: **Paul Luckham** (UK, Imperial College, UK)  
Vice-Chair: **Olli Ikkala** (FIN, Helsinki University of Technology, FIN)

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### **Speakers will include**

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<b>Markus Antonietti</b> (Postdam, D)	<b>Julia Higgins</b> (London, UK)	<b>Adrian Rennie</b> (Nykoping, S)
<b>Sanford Asher</b> (Pittsburgh, US)	<b>Eugenia Kumacheva</b> (Toronto, CA)	<b>Joachim Spatz</b> (Heidelberg, D)
<b>Paul Callaghan</b> (Wellington, NZ)	<b>Deborah Leckband</b> (Urbana, US)	<b>Manfred Stamm</b> (Dresden, G)
<b>Terence Cosgrove</b> (Bristol, UK)	<b>Jennifer Lewis</b> (Urbana, US)	<b>Alfons von Blaaderen</b> (Utrecht, NL)
<b>Donald Fitzmaurice</b> (Dublin, IRL)	<b>Luis Liz-Marzán</b> (Vigo, E)	<b>Pierre Wiltzius</b> (Urbana, US)
<b>Giovanna Fragneto</b> (Grenoble, F)	<b>Kell Mortensen</b> (Roskilde, DK)	

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### **Scope of the conference**

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This conference will concentrate on structural and dynamic aspects in colloidal systems, an area that in the last five years has had an explosion of interest. This has been due to new experimental techniques being developed and to the synthesis of novel materials that can be based around structured colloidal systems that have the potential for a large number of different usages, such as photonic devices, optical computing, memory storage devices, photonic crystals to name a few. It is the purpose of this meeting to explore some of these new trends and developments as well as to serve as a platform for communication and emerging collaborations in this field.

Specifically, the conference will be based around the following structured themes: Nanostructures and Colloidal Order Structure and dynamics of polymer surfaces and polymers at surfaces The structure and dynamics of biological interfaces The effect of shear on the structure of colloidal and polymeric systems Novel materials and devices from structured colloidal and polymeric systems.

The conference is open to researchers world-wide, whether from industry or academia. Participation will be limited to 100. The emphasis will be on discussion about new developments. The conference fee covers registration as well as full board and lodging. Some grants will be available upon request.

**Deadline for applications: 28 May 2004**

**Scientific Programme and on-line Application at:** <http://www.esf.org/euresco/04/pc04001>

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