



**DeGennesDays on  
Physics of cells - from soft to living matter**

**PhysCell2012**

Advanced School on cellular biophysics and 2<sup>nd</sup> conference in the EMBO series on Cell Biophysics

**2 - 8 September 2012, Hyères , France**

**About the meeting:**

The meeting will take place in the first week of September in 2012 at the Mediterranean coast of France. The aim of the meeting is to bring together eminent researchers from interdisciplinary fields working on various aspects of cell and tissue biophysics including adhesion, mechano-sensing, morphogenesis, transport, single molecule studies etc. We hope to stimulate exchange of ideas between theorists and experimentalists, and between physicists, chemists and biologists. We also hope for large participation from young and emerging scientists who would benefit vastly from exposure to this eclectic gathering.

A two and a half days of advanced school, aimed at graduate students as well as researchers at the interface of biology with physical sciences, will precede the four day conference. The conference is the second in the series on Cell Biophysics and is a follow up of the first meeting "[Physics of Cells - PhysCell2009](#)" which was organized in 2009 in Croatia in honour of Prof. Erich Sackmann. The current meeting will be dedicated to Pierre Gilles deGennes and will benefit from close collaboration with the foundation set up in his memory.

*Advanced School on cellular biophysics: 2-4 September*

15 lectures of one and a half hours each delivered by eminent senior scientists in the field.  
Grants for students will be available.

*Conference on Physics of the cell: 5-8 September*

Four major topics will be covered:

- \*Dynamics of Tissue
- \*Cell Mechanics, Motility and Adhesion
- \*Soft Living Matter
- \*Complex Systems

About 30 invited speakers

Slots for contributed talks

A limited number travel grants and sponsorship will be available.

## Advisory board:

### *Executive advisory board:*

Erich Sackmann (President, TU/LMU Munich, Germany)  
Benjamin Geiger (Weizman Institute, Israel)  
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## Organizing Committee:

### *Core committee:*

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### *International committee for the conference series:*

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