

# From Functional Soft Matter To Biology Future Challenges

**MONDAY 4 FEBRUARY 2013**  
**VENUE: Grenoble, IBS Seminar Room**

<b>08:30 – 09:00</b>	Registration	
<b>09:00 – 09:10</b>	Welcome and Introduction	Theyencheri Narayanan
<b>Chair: John Seddon (Imperial College, London)</b>		
<b>09:10 – 10:00</b>	Nanoscale interface between engineered matter, and living organisms: Understanding the biological identity of Nanosized materials	Kenneth A. Dawson, University College Dublin; Ireland
<b>10:00 – 10:40</b>	Supercharging the source: Basic design and performance	Harald Reichert
<b>10:40 – 11:00</b>	<b>Coffee break</b>	
<b>Chair : Olivier Diat (CEA, Marcoule)</b>		
<b>11 :00 – 11 :30</b>	New challenges in biomimetic and bioinspired materials research	Franck Artzner, CNRS/UMR Rennes, France
<b>11 :30 – 12 :00</b>	Nanostructures: from physics to bio and nanomedicine	Enzo di Fabrizio, IIT/ Nanostructures Genova, Italy
<b>12 :00 – 12 :30</b>	<b>Discussion</b>	
<b>12 :30 – 14 :00</b>	<b>Lunch break</b>	
<b>Chair : Andrei Pethukov (Utrecht University)</b>		
<b>14 :00 – 14 :30</b>	New avenues in micro fluidics combined with micro and nanobeams	Stefan Foerster, University of Bayreuth, Germany
<b>14:30 – 15:00</b>	Coming to Selection – Future Perspectives of Structural Dynamics Investigations	Simone Techert, MPI Göttingen, Germany
<b>15:00 – 15:30</b>	Coherent diffraction imaging: current status and future Perspectives	Jianwei Miao, University of California, Los Angeles , USA
<b>15:30 – 16:00</b>	<b>Coffee break</b>	
<b>16:00 – 17:30</b>	<b>Discussion &amp; Conclusion</b>	
<b>19:30 – 22:00</b>	<b>Dinner in town</b>	