

The nanotech revolution from science to society  
*a time for passion and a time for reason*  
 11th to 14th December 2011 at ENS-Cachan

Speakers

	Name	Institution	Title
1	Joseph ZYSS	<ul style="list-style-type: none"> <li>•French coordinator</li> <li>•Director of Institut d'Alembert</li> </ul>	Some personal views on current challenges in nanoscale nonlinear optics
2	Seizo MIYATA	<ul style="list-style-type: none"> <li>•Japanese coordinator</li> <li>•Tokyo Institute of Technology</li> </ul>	
3	Teruo Okano	<ul style="list-style-type: none"> <li>•Tokyo women's Medical University/Director.</li> <li>•The Japanese Society for Regenerative Medicine/President</li> <li>•Funding Program for World-Leading Innovative R&amp;D on Science and Technology</li> </ul>	Intelligent Polymer Surfaces for Cell Sheet Tissue Engineering
4	Patrick Couvreur	Université Paris XI, Châtenay-Malabry	Nanomedicine for cancer treatment and theragnostic
5	Fabrice Charra	CEA Saclay	Self-assembly : mastering photonic processes at nanoscale
6	Thomas Ebbesen	Isis et Louis Pasteur University, Strasbourg	Light, Metal and Molecules
7	Sophie Brasselet	Groupe MOSAIC, Institut Fresnel, Marseille	Revealing nano-scale molecular processes in biology using polarized Optical microscopy
8	Yasuhiro Koike	<ul style="list-style-type: none"> <li>•Keio Photonics Research Institute/Prof.</li> <li>•Funding Program for World-Leading Innovative R&amp;D on Science and Technology /Principal Investigator</li> </ul>	High-Bandwidth and High-Resolution Photonics Polymers Towards Face-to-face communication
9	Yasuo Kitaoka	•Ministry of Economy, Trade and Industry/ Chief	Japan's R&D Strategy of Nanotechnology
10	Ludovic Jullien	Laboratoire Pasteur, ENS Paris	Light driven behavior at nano- and microscales

11	Jean-Pierre Majoral	CNRS Toulouse	Functional dendrimers: from chemistry and biology to medicine
12	Noritaka Mizuno	<ul style="list-style-type: none"> <li>•The University of Tokyo/Prof.</li> <li>•Funding Program for World-Leading Innovative R&amp;D on Science and Technology /Principal Investigator</li> </ul>	Design of Highly Functionalized Polyoxometalate-based Nano-structured Catalysts by Hierarchical Three-dimensional Control of their Structures
13	Kazunori Kataoka	<ul style="list-style-type: none"> <li>•The University of Tokyo, Department of Materials Engineering/Prof.</li> <li>•Polymer Society Japan/President</li> <li>•Funding Program for World-Leading Innovative R&amp;D on Science and Technology /Principal Investigator</li> </ul>	Supramolecular Nanodevices from Functionalized Block Copolymers for Molecular Therapy
14	Thierry Livache	Institut Nanosciences et Cryogénie, Université Joseph Fourier	Seeing biological events with plasmon resonance: from molecular binding to complex cellular interactions
15	Hiroyuki Sasabe	<ul style="list-style-type: none"> <li>•Chitose Institute of Science and Technology</li> <li>•Japan Science and Technology Agency, S-Innovation Program/Adviser</li> </ul>	"New Era of Hyper-Structured Molecules" by Hiroyuki Sasabe (Prof. Emeritus, Chitose Institute of Science and Technology)
16	Gérard Dujardin	Université Paris XI	Quantum phenomena at the atomic-scale; from fundamental issues to a real atomic-scale technology
17	Junji Watanabe	<ul style="list-style-type: none"> <li>•Tokyo Institute of Technology/Prof.</li> <li>•Japan Science and Technology Agency, S-Innovation Program/Principal Investigator</li> </ul>	Thermotropic liquid crystalline behavior of rigid-rod polysilane and its SmA layer formation with nano-scaled layer thicknesses of 10 nm to 200 nm corresponding to molecular length
18	Pascale Senellart	Laboratoire de Physique des Nanostructures, Marcoussis	Semiconductor deterministic bright sources of quantum light
19	Chihaya Adachi	<ul style="list-style-type: none"> <li>•Kyushu University/Prof.</li> <li>•Center for Chemistry/Director</li> <li>•Funding Program for World-Leading Innovative R&amp;D on Science and Technology /Principal Investigator</li> </ul>	Challenges for novel organic light emitting devices