

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

Poster Session

	Name	Institution	Title
1	Megumi Awata	Graduate school of science and Technology, Keio University	An analysis of the correlation between the molecular structure of solvent and the mutual diffusion coefficient of solvent-polymer system (Megumi Awata, Makoto Asai, Azusa Inoue, Yasuhiro Koike)
2	Sayaka Odajima	Graduate school of science and Technology, Keio University	Thermally Stable Graded Index Plastic Optical Fiber for In-Vehicle Network (Sayaka Odajima, Kenji Makino, Atsushi Kondo, Yasuhiro Koike)
3	Yoshiki Mukawa	Graduate school of science and Technology, Keio University	Optimization of the refractive index distribution of Graded index optical fiber by the co-extrusion process (Yoshiki Mukawa, Makoto Asai, Ryosuke Nakao, Atsushi Kondo, Yasuhiro Koike)
4	Takahiro Kondo	Graduate School of Pure and Applied Sciences, University of Tsukuba	New insights into electronic structure of graphite-related materials in nano-scale probed with scanning tunneling microscope
5	Yuta Nabae	Tokyo Institute of Technology	Development of Carbon Alloy Catalysts for Pt-free Fuel Cell Cathode
6	Yuji Kikukawa	Graduate School of Engineering, The University of Tokyo	Synthesis of Multinuclear-Zinc-Containing Polyoxometalates and their Catalytic Properties
7	Shintaro Itagaki	Graduate School of Engineering, The University of Tokyo	Composites of Metal Nanoparticles and Heteropoly Acids for Reversible Hydrogen Storage as Protons and Electrons
8	Yoshikazu Kumashiro	Institute of Advanced Biomedical Engineering and Science, Tokyo Women's Medical University	Modulation of cell attachment and detachment on thermo-responsive polymeric surface

9	Masamichi Nakayama	Institute of Advanced Biomedical Engineering and Science, Tokyo Women's Medical University	Intelligent nanomaterials using poly(N-isopropylacrylamide)-based block copolymers for biomedical applications
10	Takuma Yasuda	Department of Applied Molecular Science Division, Kyushu University Center for Organic Photonics and Electronics Research	Development of Electro-Functional Octupolar p-Conjugated Liquid Crystals
11	Kenichi Goushi	Department of Applied Molecular Science Division, Kyushu University Center for Organic Photonics and Electronics Research	High radiative-exciton production efficiency using an exciplex state in organic light-emitting diodes
12	Masaya Hirade	Department of Applied Molecular Science Division, Kyushu University	Small Molecular Photovoltaic Cells having Exciton Blocking Layer at Anode Interface and their Improved Device Performance
13	Kanjiro Miyata	Center for Disease Biology and Integrative Medicine, Graduate, School of Medicine, The University of Tokyo	Design of Polymeric Nanocarriers for siRNA Delivery
14	Takehiko ISHII	Graduate School of Engineering, The University of Tokyo	Safe and effective gene delivery using spontaneously degradable engineered polyamino acid.
15	Shiori Kihara	Department of Organic and Polymeric Materials, Tokyo Institute of Technology,	Spontaneous polarization ordering in nematic LC of polypeptide lyotropic solution.
16	Motoi Harada	Department of Organic and Polymeric Materials, Tokyo Institute of Technology,	Regular undulation and polarization modulation on film surface of homogeneously aligned chiral SC* polymer
17	Takayuki Sugiyama	Department of Organic and Polymeric Materials, Tokyo Institute of Technology,	Nematic-nematic phase separation from uniform nematic domain in polymer LC and low-molecular-weight LC mixture showing network lattice formation in pinning stage
18	Tao WANG	Université Paris-Sud	Electrical excitation of surface plasmons with the STM
19	Raphael Labruere	Institut Curie	Branched self-immolative spacers for delay-controlled release of multiple substrates after photoactivation

20	Vasyl Shynkar	Institut d'Alembert, LPQM, ENS Cachan	Laser induced pulsed Planck microscopy
21	Vasyl Shynkar	Institut d'Alembert, LPQM, ENS Cachan	Single quantum dots imaging of GABA receptors polarization during axon guidance
22	Elise Lepeltier	Université Paris XI, Châtenay-Malabry	Nanoassemblies of nucleoside analogues coupled to squalene and terpenes : Structural analysis
23	Feriel Hamdi	Institut d'Alembert, SATIE, ENS Cachan	Microtechnologies applied to the design of new tools for the cell therapies – electrofusion, nanoporation, cell sorting
24	Amandine Bocheux	CEA	Local probe of the electronic properties in 3D self-assembled pi-conjugated monolayers
25	Carine Julien-Rabant	Institut d'Alembert, PPSM, ENS Cachan	Photophysical study of nanoscale properties of hybrid solar cells materials.
26	Rémi Métivier	Institut d'Alembert, PPSM, ENS Cachan	Photochromic nanomaterials: fabrication and photoswitching.
27	Marc Guillon	Université Paris V	Nanoscaled biological issues addressed with super-resolving STED microscopy
28	Simona-Cristina Laza	Ecole Centrale, Chatenay-Malabry	Jeffamine induced self-assembly of gold nanorods
29	Xiaoli Wang	Ecole Centrale, Chatenay-Malabry	Stationary and ultrafast transient optical responses of gold nanoparticle arrays
30	Marcin Zielinski	Institut d'Alembert, LPQM, ENS Cachan	Semiconductor based nanoparticles for nanoscale NLO

31	Adi Salomon	Institut Weizmann, Rehovot, Israël	Nonlinear properties of tailored nanoplasmonic arrays
32	Anu Singh	Institut d'Alembert, LPQM, ENS Cachan	Nonlinear optical properties of gold nanorods : the role of aspect ratio
33	Ludovic Gaillat	Ecole Normale Supérieure de Chimie, Paris	Lanthanide doped functional nanoparticles for subdiffraction imaging and biophotonic labelling applications
34	Xiao Wu	Institut d'Alembert, LPQM, ENS Cachan	UV beam-assisted efficient formation of surface relief grating on azobenzene polymers
35	Qinggele Li	Institut d'Alembert, LPQM, ENS Cachan	Generation of sharper focal spot for super-resolution imaging and nanofabrication
36	Camille Delezoïde	Institut d'Alembert, LPQM, ENS Cachan	Label-free optofluidic biosensors based on polymeric microresonators
37	Sébastien Michel	Institut d'Alembert, LPQM, ENS Cachan	High-performance modulators for optical communications realized with a commercial side-chain DR1-PMMA electro-optic copolymer
38	Xuan Loc Le	Institut d'Alembert, LPQM, ENS Cachan	Fluorescent diamond nanoparticle, a stable marker for the functional study of dendritic spines of mouse cortical neurons in culture
39	Marie-Pierre Adam	Institut d'Alembert, LPQM, ENS Cachan	STED superresolution fluorescence microscopy with NV color centers in diamond
40	Cyrielle Roquelet	Institut d'Alembert, LPQM, ENS Cachan	Energy transfer in carbon nanotubes/porphyrin compounds
41	Fabien Boitier	Institut d'Alembert, LPQM, ENS Cachan	Femtosecond optical properties of two-dimensional layered perovskite semiconductors.