

## INVITED SPEAKERS TOPIM'08

*Confirmed speakers indicated in blue*

Name	Putative topic	Institute	Country
<b>Benoît Dubertret</b>	<i>In vivo</i> imaging of Qdots	Ecole Supérieure de Physique et de Chimie Industrielles (ESPCI), Laboratoire d'Optique Physique	France
<b>Christian Eggeling</b>	STED microscopy	Dept. NanoBiophotonics	Germany
<b>Eric DORIS</b>	Nano-rings/nanotubes chemistry	CEA Saclay DSV/iBiTec-S/SCBM/LMT	France
<b>Fedor Jelezko</b>	Colour centres in nanodiamonds	Physikalisches Institut	Germany
<b>Florence Gazeau</b>	Labeling cells with Iron oxides particles	Laboratoire Matière et Systèmes Complexes, UMR CNRS 7057, Groupe Physique du Vivant, Université Paris-Diderot	France
<b>Ella Jones</b>	Role of polymer architecture using dendritic polymers in tumoring imaging	University of California School of Pharmacy, Department of Biopharmaceutical Sciences and Pharmaceutical Chemistry	USA
<b>Frédéric Dollé</b>	Fluorine-18: From Macromolecules of Biological interest to Nano-objects	CEA-SHFJ-I <sup>2</sup> BM-LIME	France
<b>Sanjiv (Sam) Gambhir</b>	MicroPET-Based Biodistribution of Quantum Dots in Living Mice	The James H Clark Centre	USA
<b>Carlheinz Roecker</b>	Fluorescent proteins and fundamental aspects on photophysics	Ulm University, Institute of Biophysics	Germany
<b>Horst Vogel</b>	Interdisciplinary approach including chemical modification of surfaces, fluorescent labels, optical spectroscopy and microscopy, single molecule approach	Ecole Polytechnique Fédérale de Lausanne Institut de Science Biomoléculaire	Switzerland
<b>Klaas Nicolay</b>	Targeted Liposomes loaded with Gd and fluorescent agents	Eindhoven University of Technology	The Netherlands

<b>Kostas Kostarelos</b>	Tissue biodistribution and blood clearance rates of intravenously administered carbon nanotube radiotracers AND Carbon nanotubes as nanomedicines: from toxicology to pharmacology	Centre for Drug Delivery Research, School of Pharmacy, University of London	United Kingdom
<b>Laurence Faure</b>	RNA interference and imaging	IMAGENIUM SAS	France
<b>Lothar Helm</b>	Fullerens and Carbon nanotubes loaded with Gd high relaxivity MRI agents	Ecole Polytechnique Fédérale de Lausanne	Switzerland
<b>Luisa De Cola</b>	Nanomaterials for diagnostics and multimodal imaging	Physikalisches Institut - Münster	Germany
<b>Marc Port</b>	Iron oxide nanoparticles in MRI imaging	Guerbet, Centre de Recherche Guerbet	France
<b>Maxime Dahan</b>	Carbon Dots	Laboratoire Kastler Brossel Département de Physique de l'Ecole Normale Supérieure	France
<b>Zdravka Medarova</b>	Iron oxide nanoparticles as multifunctional imaging and delivery agents	Massachusetts General Hospital/Massachusetts Institute of Technology/Harvard Medical School Athinoula A. Martinos Center for Biomedical Imaging, Department of Radiology, Charlestown, Boston, Massachusetts	USA
<b>Noriaki Ohuchi</b>	Novel imaging techniques with functional nano-objects for cancer diagnosis	Division of Surgical Oncology, Graduate School of Medicine and 2Biomedical Engineering Research, Organization, Tohoku University, Sendai	Japan
<b>Patrick Couvreur</b>	Liposome PEG et folic acid targeting	Faculté de Pharmacie, Université Paris-Sud	France
<b>Quentin le Masne de Chermont</b>	Persistent Luminescence Nanoparticles (PLNs) : a new imaging tool for biologists ?	Université Paris Descartes (Paris V) - Faculté de Pharmacie Unité de Pharmacologie Chimique et Génétique INSERM U640 - CNRS UMR8151 Equipe de Chimie et Physicochimie des Vecteurs	France
<b>Raz Jelinek</b>	Chromatic polymer nanopatches for imaging membrane processes in living cells	Dept of Chemistry, Ben Gurion University	Israel
<b>Silvio Aime</b>	Imaging-guided drug delivery	Universita degli Studi di Torino, Dipartimento di Chimica IFM	Italy

<b>Steven A. Toms</b>	<i>In vivo</i> optical imaging using quantum dots for the management of brain tumors ( <i>in vivo</i> imaging/application)	Geisinger Medical Center, Director, Department of Neurosurgery & Surgical Director, Neuroscience Services, Geisinger Health System	USA
<b>Thierry Gacoin</b>	Functionalized sol-gel coatings for optical applications	Laboratoire de Physique de la Matière Condensée Ecole polytechnique Palaiseau	France
<b>Ulrich Wiesner</b>	Fluorescent core-shell silica nanoparticles chemistry	Dept. of Materials Science & Engineering, Cornell University, Ithaca, NY	USA
<b>Ya-Ping Sun</b>	Carbon Dots and Imaging Applications	Department of Chemistry and Laboratory for Emerging Materials and Technology, Clemson University	USA
<b>Vahid Sandoghdar</b>	Nano-imaging	ETH Zurich, Laboratory of Physical Chemistry	Switzerland
<b>Rémi CARMINATI</b>	Nanoantennas for near-field detection of nano-objects	Laboratoire EM2C CNRS, Ecole Centrale Paris	France
<b>Hannes Bock</b>	Photoswitchable Fluorescent Proteins - Tools for Far-Field Microscopy at the Nanoscale	Max-Planck Institute Biophysical Chemistry, Department NanoBiophotonics, Göttingen	Germany
<b>Manuel TSOTSALAS</b>		Physikalisches Institut - Münster	Germany
<b>Luca Prodi</b>	Silica Nanoparticles	Dipartimento di Chimica "G. Ciamician", Latemar Unit, Università di Bologna	Italy
<b>Edwin DE PAUW</b>	Shape specific nanoparticles as contrast agent for Opto-Acoustic detection	Liège University, Mass Spectrometry Laboratory, Center for Trace Analysis	Belgium