

**Final Programme – Revised 6 September 2011**

**Tuesday 6 September**

19:00 – 20:00	<b>Registration + Briefing</b>
20:00	<b>Dinner</b>

**Wednesday 7 September**

17:00 - 19:30	<b>Registration</b>
19:30	<b>Dinner</b>
20:45	<b>Welcome</b> Sophie Lanone - Inserm, FR Morris Aizenman - European Science Foundation
21:00 - 22:00	<b>Chris Ewels</b> - Institut des Matériaux Jean Rouxel, FR <i>General introduction on nanocarbons (nanotubes and graphene)</i>

**Thursday 8 September**

**Session 1**

09:00 - 10:00	<b>Mathieu Kociak/Chris Ewels</b> - Univ. Paris Sud, FR <i>Physico-chemical characterization of CNT</i>
10:00 - 11:00	<b>Craig Poland</b> - Institute of Occupational Medicine, UK <i>General lecture on mammals toxicity</i>
11:00 - 11:30	<b>Coffee Break</b>
11:30 - 12:30	<b>Davide Bonifazi</b> - FUNDP, BE <i>Chemistry of CNT</i>
12:30	<b>Lunch</b>

**Session 2**

16:00 - 17:00	<b>Teresa Fernandes</b> - Edinburgh Napier University, US <i>Exposure in terrestrial and aquatic biota</i>
17:00 - 17:30	<b>Coffee Break</b>
17:30 – 18:30	<b>Mélanie Auffan</b> - CEREGE Europole Méditerranéen de l'Arbois, FR <i>Chemistry of catalyst nanoparticles</i>
18:30 – 19:30	<b>Aaron Roberts</b> - University of North Texas, US <i>General lecture on environmental toxicity</i>
20:00	<b>Dinner</b>
21:00	<b>Poster session and welcome drinks</b>

**Friday 9 September**

**Session 3**

09:00 - 10:00	<b>Laurent Cognet</b> - Université Bordeaux 1, CNRS (UMR 5798), FR <i>Optical microscopy/biology</i>
10:00 - 11:00	<b>Roland Hischier</b> - EMPA, CH <i>Life cycle assessment</i>

11:00 – 11:10	<b>Group Photo</b>
11:10 - 11:30	<b>Coffee Break</b>
	<b>Short talks - 15 min. each</b>
	<b>Alessia Battigelli</b> - Università degli Studi di Trieste, IT <i>Cationic Carbon Nanotubes for Gene Therapy</i>
	<b>Ivan Bobrinetskiy</b> - Moscow Institute of Electronic Technology (Technical University), RU <i>Carbon nanotubes as a transitional material from conventional electronics to new-age bio-organics information systems</i>
11:30 - 13:00	<b>Alireza Haghparsast</b> - Ferdowsi University of Mashhad, IR <i>The effect of single walled carbon nanotubes functionalized with polyethylene glycol (PEG-SWNT) on the expression of several pattern recognition receptors (PRRs) genes in human monocytic THP-1 cells</i>
	<b>Khuloud Al-Jamal</b> - King's College London, UK <i>Design of Cationic Multi-Walled Carbon Nanotubes as Efficient siRNA Vectors for Tumour Eradication In Vivo</i>
	<b>Oren Regev</b> - Ben-Gurion University of the Negev, IL <i>Nanotube-based nano medicine: from bicycle to lorry</i>
13:00	<b>Lunch</b>
	<b>Session 4</b>
16:00 - 17:00	<b>Alison Elder</b> - University of Rochester, US <i>Health effects of carbon nanotubes: What we know and what we don't know</i>
17:00 - 17:30	<b>Coffee break</b>
17:30 - 18:30	<b>Emmanuel Flahaut</b> - Université Paul Sabatier, FR <i>Characterization of CNT in environmental media, stability</i>
18:30 – 19:30	<b>Thomas McNicholas</b> - MIT, US <i>Sorting CNT/surface chemistry</i>
19:30	<b>Dinner</b>
21:00	<b>Antoine Thill</b> - CEA Saclay, FR <i>Imogolite nanotubes (synthesis and properties)</i>

## Saturday 10 September

### Session 5

09:00 - 10:00	<b>Vince Castranova</b> - National Institute for Occupational Safety and Health (NIOSH), US <i>Occupational exposure</i>
10:00 - 11:00	<b>Alison Elder</b> - University of Rochester, US <i>Distribution of carbon nanomaterials following inhalation or ingestion exposure</i>
11:00 - 11:30	<b>Coffee Break</b>
	<b>Short Talks - 15 min. each</b>
	<b>Julie Russier</b> - CNRS, FR <i>In vitro oxidative degradation of single - and multi-walled carbon nanotubes</i>
	<b>Erwan Paineau</b> - Université Paris XI, FR <i>Biotransformation of iron-based nanoparticles attached to carbon nanotubes inside cells</i>
11:30 - 13:00	<b>Alexey Seleznev</b> - Moscow Institute of Electronic Technology, RU <i>Influence of Electro Stimulation on Proliferative Activity and Viability of Embryonic Fibroblast Cells Cultivated on Carbon Nanotube Substrates</i>
	<b>Ekaterina Obrazsova</b> - A.M. Prokhorov General Physics Institute, RU <i>Raman spectroscopy of iodine-doped single-wall carbon nanotubes with controlled diameter distribution</i>
	<b>Cybillie Van den Brûle</b> - Université Catholique de Louvain, BE <i>Role of endocytosis and tyrosine kinases in the stimulation of lung fibroblast proliferation by multi-wall carbon nanotubes</i>
13:00	<b>Lunch</b>
	<b>Session 6</b>

16:00 - 17:00	<b>Laszlo P. Biro</b> - Research Institute for Technical Physics & Materials Science, HU <i>Production of graphene nanoribbons for nanoelectronic applications</i>
17:00 - 17:30	<b>Coffee Break</b>
17:30 - 19:00	<b>Round Table CNT/Asbestos Connexion</b> <b>Alison Elder</b> - University of Rochester, US <b>Craig Poland</b> - Institute of Occupational Medicine, UK <b>Vince Castranova</b> - National Institute for Occupational Safety and Health (NIOSH), US <b>Agnes Kane</b> - Brown University, US <b>Dominique Lison</b> - TOXI, BE
19:00 - 19:30	<b>Forward Look Plenary Discussion</b>
20:00	<b>Conference Dinner</b>

## Sunday 11 September

08:00	<b>Breakfast and Departure</b>
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### List of Accepted Posters

1	Alves Cruz	Sandra Maria	Nobel metal nanoparticles/graphene nanocomposites as SERS substrates for selective biodetection
2	Fabre	Bruno	Functionalization of unoxidized silicon surfaces with carbon nanotubes assemblies
3	Kuznetsov	Vladimir	Comparative study of reflectance properties of nanocarbons: nanodiamonds, onion-like carbon and multiwalled carbon nanotubes
4	Lenz E Silva	Guilherme	Nanotechnology: risk analysis and potential impact to the occupational safety and health workplace during the handling, synthesis, and storage of nanomaterials for refractory composites application.
5	Mahajan	Amit	Synthesis of MWCNTs/PZT Composites for Microelectronics
6	Mamane	Victor	Low Degree of Functionalization of Single-Walled Carbon Nanotubes (SWCNT) Probed by Highly Sensitive Characterization Techniques
7	Ménard-Moyon	Cécilia	Multi-functionalisation of carbon nanotubes for targeted drug delivery
8	Nogueira	Helena Isabel	Polyoxometalate grafting on carbon nanostructures of varying dimensionality
9	Perezhogin	Igor	Transmission electron microscopy studies of BN-nanotubes containing single crystal Al <sub>2</sub> O <sub>3</sub>
10	Yaya	Abu	DFT Study of polybromide chains in carbon nanomaterials