









Sunday, 1 April 2012				
14:00	Registrations			
16:00	Welcome and Opening of the Conference			
Session S1		Functionalization		
16:10	Invited	Klaus Muellen	A Polymer Chemistry of Graphene: Bottom-up Synthesis and Assembly	F1
16:50	Oral	Maria C. Paiva	Graphene Nanoribbons from Carbon Nanotubes	F2
17:10	Oral	Jan M. Englert	Reductive Exfoliation of Graphite and Covalent Functionalization of Graphene	F3
17:30	Coffee Break			
Session S2		Functional Materials		
18:00	Oral	Sián Fogden	Reductive Dissolution of SWNTs for the Development of Transparent Conductive Films	FM1
18:20	Oral	Aldo J.G. Zarbin	Transparent, Conductive and Flexible Thin Films of Carbon Nanotubes/Polyaniline and Graphene/Polyaniline Nanocomposites	FM2
18:40-19:00	Oral	Francesca Mirri	Scalable approach to forming transparent and conductive films from long carbon nanotubes	FM3
20:00	Welcome reception with buffet			

Monday, 2 April 2012				
Session M1		Composites		
8:30	Invited	Satish Kumar	Developments in Polymer/Carbon Nanotube Composite Films and Fibers	C1
9:10	Oral	Robert Young	Interfaces in Nanotube- and Graphene-Based Nanocomposites	C2
9:30	Oral	Päivi Laaksonen	Biomimetic Nanocomposite from Graphene, Genetically Engineered Proteins and Nanocellulose	C3
9:50	Oral	Jonathan N. Coleman	Graphene and nanotubes as fillers in novel composites	C4
10:10	Coffee Break			
Session M2		Interface with Biology		
10:40	Invited	Giorgia Pastorin	Investigations on carbon-based nanomaterials for potential biomedical applications	B1
11:20	Oral	Riccardo Marega	Magnetically-active Iron-filled Carbon Nanotubes for Sorting Cancer Cells	B2
11:40	Oral	Emmanuel Flahaut	Functionalised double-walled carbon nanotubes for biomedical applications	B3
12:00	Oral	Michael Holzinger	Electron Transfer between Carbon nanotube and Redox Enzymes for Bio-Energy Conversion	B4
12:20 - 12:30		M ² Materials Mates	Presentation of the company	
12:30	Lunch			
Session M3		Functionalization		
14:30	Invited	Robert C. Haddon	Chemical Functionalization as an Approach to the Modification of the Electronic and Magnetic Properties of Graphene	F4
15:10	Oral	Antonio Setaro	Smart Coatings for CNTs : Tailoring CNTs' Properties Through Photochromic Switches Functionalization	F5
15:30	Oral	Stéphane Campidelli	Synthesis and Characterisation of Photoactive Systems Combining Carbon Nanotubes	F6
15:50	Oral	Silvia Giordani	Excited state on/off switching of a boron azadipyromethene single-wall carbon nanotube conjugate	F7
16:10-16:20		Horiba-Jobin Yvon	Spectroscopic methods for Carbon Nanotubes and Graphene analysis	
16:20	Coffee Break			
Session M4		Processing and characterization		
16:50	Invited	Jan Lagerwall	Optimized and micelle-free surfactant-stabilized CNT suspensions below the Krafft temperature	PC1
17:30	Oral	Emanuele Treossi	Chemical production and applications of graphene based materials	PC2
17:50-18:10	Oral	Eric Anglaret	Dispersion and alignment of individual Single Wall Carbon Nanotubes in a chromonic liquid crystal	PC3
19:30-21:30	Poster Session (with buffet and drinks)			



Tuesday, 3 April 2012

Session T1 Functional Materials				
8:30	Invited	Naotoshi Nakashima	Advanced Materials Based on Soluble Carbon Nanotubes	FM4
9:10	Oral	Sabine Valange	Straightforward one-step non-covalent design of carbon nanotube-based catalysts for fine chemicals synthesis	FM5
9:30	Oral	Henri Perez	Porous electrodes based on carbon nanotubes for O ₂ reduction: from Pt loaded to free of Pt Nitrogen doped structures	FM6
9:50	Oral	Christophe Olivier	Multifunctional coatings of Single-Walled Carbon Nanotube/Cellulose Nanocrystal self-assembled hybrids	FM7
10:10	 Coffee Break			
Session T2 Processing and characterization				
10:40	Oral	Tobias Hertel	Tools for the spectroscopic exploration of nanosurface kinetics	PC4
11:00	Oral	Massimo Marcaccio	Electrochemically Generated Graphene-like Films from Corannulene and Self-Assembled Nanographene	PC5
11:20	Oral	Jenny Malig	Graphene Donor-Acceptor Systems	PC6
11:40	Oral	Martin Kalbac	Electrochemical doping of One-layer and Two-layer Graphene	PC7
12:00-12:20	Oral	Gaëtane Lespes	Carbon nanotube characterisation by Field-Flow Fractionation	PC8
12:30	 Lunch			
Session T3 Composites				
14:30	Oral	Paul van der Schoot	Connectivity Percolation of Carbon Nanotubes in an External Field	C5
14:50	Oral	Emmanuel Beyou	Grafting of polyolefin and silicon onto carbon nanotubes and graphite oxide	C6
15:10	Oral	Sebastián Suarez	Thermomechanical behaviour of Ni/MWNT composites produced via powder metallurgy	C7
15:30	Oral	Fabienne Grillard	Effects of particle translation vs rotation on the conductivity of nanotube composites	C8
15:50	 Coffee Break			
Session T4 Functional Materials				
16:20	Oral	Wolfgang Maser	Graphene paper electrodes for voltammetric sensing applications	FM8
16:40	Oral	Maurizio Bisio	Bucky gel actuators from chemically modified super growth CNTs and CNT/PPy composites	FM9
17:00	Oral	Florent Tatar	Nanocomposites based on electronically conducting polymers / carbon nanotubes for electrochemical storage in liquid media	FM10
17:20-17:40	Oral	Jean-Sébastien Lauret	Energy transfer in non-covalent nanotubes/chromophores compounds	FM11
18:00 - 19:00 Graphene flagship : Roundtable on Graphene Nanocomposites				
18:00 - 19:00				
20:00-22:00	 Poster Session (with buffet and drinks)			

Wednesday, 4 April 2012

Session W1		Functionalization		
8:30	Invited	Chris Ewels	Distorting graphene and new spectroscopy in sp ² -carbon chemistry	F8
9:10	Oral	Giuliano Giambastiani	"Click" on Tubes: a Versatile Approach Towards Multimodal Functionalization of Carbon Nanotubes	F9
9:30	Oral	Francisco Martin-Martinez	Aromaticity and Electron Confinement in Graphene Nanoribbons and Carbon Nanotubes	F10
9:50	Oral	Marc Dubois	Xenon difluoride as fluorinating agent for SWCNTs and graphene	F11
10:10	Oral	Matthieu Paillet	Carbon nanotubes functionalization via organometallic coupling towards optically active hybrid nanosystems	F12
10:30	 Coffee Break			
Session W2		Interface with Biology		
11:00	Oral	Oren Regev	Carbon nanotube carrier for nano medicine: from bicycle to lorry	B5
11:20	Oral	Alberto Bianco	Degradation of Functionalized Carbon Nanotubes	B6
11:40	Oral	Federico Micciulla	Nanocarbon in vitro and in vivo effects in biology and medicine	B7
12:00-12:20	Oral	Ivan I. Bobrinetskiy	AFM / Confocal / microRaman Investigation of Interaction Between Neuron Cells and Carbon Nanotube Substrate	B8
12:30	 Lunch			
Session W3		Functional Materials		
14:30	Invited	Colin Nuckolls	Molecular Devices from Carbon-Nanotube Contacts	FM12
15:10	Oral	Léa Darchy	Preparation of composite with functionalized carbon nanotube for photovoltaic application	FM13
15:30-15:50	Oral	Markus Ahlskog	Size effects in carbon nanotube field effect transistors and liquid phase alkali doping	FM14
18:45	 Departure by bus to the "Tir au Vol" gala room			
19:30	 Gala Dinner in the "Tir au Vol" room			

Thursday, 5 April 2012

Session Th1		Processing and characterization		
9:00	Invited	Milo Shaffer	<i>title soon available...</i>	PC9
9:40	Oral	Sofie Cambre	Individual Empty and Water-Filled Single-Walled Carbon Nanotubes	PC10
10:00	Oral	Fabien Lemasson	Sorting of Single-Walled Carbon Nanotubes using Photocleavable polymers	PC11
10:20	 Coffee Break			
Session Th2		Composites		
10:50	Oral	Mathieu Pinault	Photografting long and aligned carbon nanotubes networks: towards anisotropic nanocomposites	C9
11:10	Oral	Silke Hampel	Functionalisation of CNT with metals for homogeneous CNT reinforced Metal Matrix Composites – model and experiment	C10
11:30	Oral	Arup R. Bhattacharyya	Influence of novel dispersion strategy of multiwall carbon nanotubes in melt-mixed co-continuous blends of polypropylene/acrylonitrile butadiene styrene co-polymer	C11
11:50-12:10	Concluding Remarks			
13:00	 Shuttle to airport			