

## Final Program

	Sunday 7 March	Monday 8 March	Tuesday 9 March	Wednesday 10 March	Thursday 11 March	Friday 12 March
Topics	synthesis and selection of carbon nanotubes	graphene transport, growth and characterization	carbon nanotube spectroscopy; non-carbon nanowires	graphene transport and mechanics	graphene transport, optics and theory	carbon nanotube and applications
8:30	Patterned CVD Growth of SWNTs for Device Application MARUYAMA	Heating and energy dissipation in biased graphene transistors FREITAG	Raman Spectroscopy of Chirality-Enriched Single Walled Carbon Nanotubes DOORN	Mobility and Resonant Scatterers in Graphene NOVOSELOV	Conduction in graphene: the low-temperature anomaly SKAKALOVA	Functionalization of Synthetic Carbon Allotropes HIRSCH
9:00	Dispersion, separation, and application of SWCNT KATAURA			Electronic properties of graphene ANDREI	Transport in graphene at high bias: current saturation and Klein tunneling MAURI	
9:30	DNA Sequence Motifs for Structure-Specific Recognition and Separation of CNT ZHENG	Electron-Electron Interaction in Graphene KIM	Indexing of individual single-walled carbon nanotubes from Raman spectroscopy SAUVAJOL	Electronic Spin Transport and Spin Precession in Single Graphene Layers TOMBROS	Gate-tunable band gap in bilayer graphene TSUKAGOSHI	Dispersion, separation, and reaction of single-walled carbon nanotubes MAEDA
10:00	Coffee break					
10:30	Self-assembled carbon nanotube structures and devices HANEIN	Epitaxial graphene on SiC(0001) SEYLLER	Electronic structure of carbon nanotubes with ultrahigh curvature PLANK	Nuclear spin relaxation and Korringa relation for Dirac electrons in graphene DORA	Bilayer graphene: tunable bandgap and electron-phonon Fano resonances WANG	Nanotubes see the light! GULDI
11:00	Applications of Aligned Carbon Nanotube Wafers: From MEMS to Human Motion Detection YAMADA	Epitaxial Graphene: Designing a New Electronic Material DE HEER	A high-energy spectroscopy viewpoint to access the electronic properties of metallicity selected functionalized SWCNT AYALA	Mechanics and Tribology of Graphene and Related Materials HONE	Dispersion of electrons and phonons, and electron-phonon interactions in bilayer graphene investigated by Resonance Raman scattering PIMENTA	Carbon Nanotubes: Fundamental Components for Materials Science and Bionanotechnology PRATO
11:30	High density carbon nanotubes and their applications for VLSI via interconnects AWANO	Synthesis of Graphene and Modified Graphene Using Chemical Vapour Deposition and Their Properties PARK	Electron microscopy and spectroscopy of low-dimensional materials SUENAGA	ElectroMechanical Resonators based on Nanotube and Graphene BACHTOLD	Vibrational properties of graphene nanoribbons MAULTZSCH	Towards Ultimate Scaling - Semiconducting Nanowires and Molecular Electronics RIEL

12:00-17:00	Mini workshops					
17:00 - 18:30	Dinner					17:00 Nanotube and nanotube-surface spectroscopy HERTEL
18:30	Intrinsic Superconductivity in Arrays of 4-Angstrom Carbon Nanotubes Embedded in AFI Zeolite SHENG	Graphene defects at atomic resolution MEYER	Electronic properties of single crystalline aluminium nanowires HWANG	Nano-electro-mechanical systems from arrays of graphene membranes VAN DER ZANDE	Illuminating graphene nanostructures MOLINARI	
19:00	Do fullerenes belong to the high-Tc family superconductivity universe? PRASSIDES	Electron Spin Resonance study of Graphene FORRO	Fabrication of novel low-dimensional nanomaterials using carbon nanotube nanoreactors KITAURA	Carbon nanotube mechanical resonators VAN DER ZANT	Electronic and vibrational properties of graphene under strain MOHR	17:30 Phonon assisted electroluminescence from metallic carbon nanotubes and graphene KRUPKE
19:30	Electron and nuclear spin coherence in (and outside) fullerenes MORTON	Imaging planar carbon and BN using high resolution TEM ZETTL	Semiconductor Nanowires: Growth, Mechanical and Optical Properties, and a Bendable Ceramic Fabric KORGEL	Clean carbon nanotubes: Single-electron quantum dots and strong coupling to nanomechanical motion STEELE	Conductance of doped or functionalized nanowires, nanotubes and graphene BLASE	18:00 IWEPNM10 - Conference summary JORIO
20:00	Spin Relaxation in <sup>13</sup> C Nanotube Double Quantum Dots CHURCHILL	Poster I Monday	Poster II Tuesday	Production, properties and applications of graphite films of nanometer thickness OBRAZTSOV	Poster III Thursday	Bauernbuffet Farewell
20:30						
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					18:30 - 20:00 Break	