

IWEPNM2006 Final program schedule: morning							
Sess. Day	08:30	09:00	09:30	Break	10:30	11:00	11:30
Sat 4.3.							
Sun 5.3. INTR & TRP1	Carbon nanotubes electronics & opto-electronics AVOURIS, US		Electronic properties of semiconducting carbon nanotubes FUHRER, US	C	Four-point resistance of nanotubes BACHTOLD, E	High-Tc supercond. d in entirely end-bonded carbon nanotubes HARUYAMA, J	Electric transport phenomena in nanotubes and grapheme KIM, US
Mon 6.3. PREP	From super growth to DWNT forests, CNT solids, flexible transparent CNT films and HATA, J	Towards chirality controlled synthesis of single-walled carbon nanotubes KONG, US	Utilizing the inherent redox differences of SWCNTs to ractionalize them ... PAPADIMITRAKO PULOS, US	O F F	Studies of the role of atomic hydrogen in the growth of SWNT and vert. aligned CNTs HAUGE, US	Novel catalysts, RT and the importance of oxygen for the synthesis of SWCNT RÜMMELI, D	Fullerene-functionalised carbon nanotubes - novel hybrid nanomaterial KAUPINEN, FI
Tue 7.3. OPTE	Recent advances in the optical spectroscopy of single-walled carbon nanotubes HEINZ, US		Excitons & the optical response of nanotubes and nanowires LOUIE, US	E E	Excitons in carbon nanotubes MAULTSCH, D	Magneto-optical spectroscopy of excitons in CNTs KONO, US	Exciton dynamics in carbon nanotubes HERTEL, US
Wed 8.3. TGNM	HR-TEM imaging of molecules and ions trapped inside carbon nano-spaces SUENAGA, J	Struct. correlation of band-gap modific. induced in HgTe by dimens. constraint in.. SLOAN, UK	Tube-tube interaction in template grown SWCNTs PFEIFFER, A	B R	NMR evidence for uniform el. prop. in a macroscopic set of DWCNT ALLOUL, F	Conduction electron spin resonance of SWCNTs FORRO, CH	C59N monomer spins inside single-wall carbon nanotubes: rotational dynamics, CT, & local DOS. SIMON, HU
Thu 9.3. THEO	Electron phonon coupling in carbon nanotubes MACHON, D	Electron phonon coupling, Raman spectra & el. transport in NTs FERRARI, UK	Hot phonons in CNTs and superconductivity in Ca intercalated graphite MAURI, F	E A K	Superconductivity in carbon: from C60 to diamond SAITO, J	Chirality control of carbon nanotubes by epitaxial growth REICH, US	Chirality control of carbon nanotubes by epitaxial growth CARLSSON, D
Fri 10.3. SME, NCNT	Three-terminal transport through molecular junctions V D ZANT, NL	Measurement of the conductance of single conjugated molecules YACOBY, IL	Pair tunneling through single-molecule junctions VON OPPEN, D		C-N and C-BN SWNTs: growth and structural properties LOISEAU, F	Silicon nanowires as electronic devices: CVD growth & characterisation DÜSBERG, D	Ultra-precise molecularly thin semiconductor shells: from nanotubes to nanocorrugated quantum Systems PRINZ, RU
Sat 11.3.	Departure						

IWEPNM2006 Final program schedule: afternoon								
12:00	17:00	18:30	19:00	19:30	20:00	20:30	Sess. Day	
		Reception Party 21:00						Sat 4.3.
M I N	D I N	Quantum Transport in Nanowires and Nanotubes KOUVENHOVEN,NL	Aharonov-Bohm effects in multiwall carbon nanotubes STRUNK, D	Observation of an oscillating mag. resistance with gate voltage in CNT based TMR devices SCHÖNENBERGER,CH	Measurements of thermal conductivity of individual carbon nanotubes FUJII, J		Sun 5.3. TRP2	
I W	N E	Near-infrared fluorescence of single-walled carbon nanotubes: applications WEISMAN, US	Transport measurements in nanotubes with known (n,m) indices HONE, US	Solid-state fabrication, structure, multifunctional appl. of CNT yarns & transp. sheets BAUGHMAN, US	Novel mesophase nanocomposite organic photovoltaics CAROLL, US	SWCNT polymer composites: properties & implications for practical use HORNOSTL, D	Mon 6.3. APPLe	
O R K	R	Scientific supplies and industrial needs: The commercialization of carbon nanophases Int. issues & screening of excitons in quasi-1d CNTs & res. profile of 1d carb. chains JORIO, BR	Nanoscale spectroscopy with optical antennas NOVOTNY, US	Photolum. studies of cross-polarized absorption of SWCNTs MARUYAMA, J	Poster A - L		Tue 7.3. RSL	
S H	18:30	Macroscopic transport by synthetic molecular machines RUDOLF, NL	Nano-electromechanical devices based on single-walled carbon nanotubes MEYER, D	Rotor-stator phases of fullerenes with cubane derivatives : A novel family of PEKKER, HU	Break	20:10 Twenty Intern. Winterschools in Kirchberg: How come? MEHRING, D	20:50 Nano-carbon materials: formation, characterization, and applications IJIMA, J	Wed 8.3. NME, CEL
O P S		Surface chemistry & heterogeneous catalysis of carbon nanostructures SCHLÖGL, D	Chemical functionalization of fullerenes and carbon nanotubes HIRSCH, D	Exploiting the intrinsic prop. of SWCNTs for transp. & delivery of biol cargos & trig. cell death WONG, US	Poster M - Z		Thu 9.3. APPLc	
17.00	In vitro evaluation of possible adverse effect of nanosized materials BRUININK, CH	DNA-decorated carbon nanotubes for chemical sensing JOHNSON, US	Carbon nanotube networks as a material for probing biological interactions ARTUKOWICH, US	Summary PICHLER, D	Bauernbuffet, farewell		Fri 10.3. APPLb	
							Sat 11.3.	