



September 26th

Afternoon Session

Chair:

14.45–15.10	Electrical and thermal transport in nanowires	I. P. Batra
15.10–15.35	Structural and electrochemical investigation of MWNTs-poly(N-vinyl carbazole Langmuir-Schaefer films	P. Bertoncello
15.35–16.00	Electronic structure and properties of defective carbon nanotubes	L. Bulusheva
16.00–16.25	NO ₂ gas sensitivity of multi-wall carbon nanotubes obtained by plasma enhanced chemical vapour deposition	L. Valentini
16.25–17.45	<i>Poster Session, Technology Workshop and Coffee</i>	
17.45–18.10	Features of X-Rays and neutrons scattering in nanostructures	S. Dabagov
18.10–18.35	Spin-orbit coupling and electron spin resonance theory for Carbon nanotubes	A. De Martino
18.35–19.00	Orbital picture of ionization and its breakdown in nanoarrays of quantum dots	I. Baldea
21.00	<i>Concert</i>	



September 27th

Morning Session

Chair:

9.30–9.55	Fabrication of highly ordered nanochannel array in porous	R. Angelucci
9.55–10.20	Characterization of carbon nanomaterials by ultra-soft X-ray spectroscopy	A. Okotrub
10.20–10.55	Iron Oxide Nanotubes: Synthesis, Morphological and Magnetic Characterization	S. Foglia
10.55–11.55	<i>Poster Session, Technology Workshop and Coffee</i>	
11.55–12.20	Synthesis of aligned and oriented arrays of carbon nanotubes and selected-area growth on patterned substrates	M.L. Terranova
12.20–12.45	Polarized optical absorption in nanotubes	I. Milosevic
12.45–13.10	Interference of sample contaminants with gas absorption on single wall nanotubes	R. Larciprete
13.10–14.45	<i>Lunch</i>	

Afternoon Session

Chair:

14.45–15.10	"W=0" Pairing Mechanism in Single-Wall Carbon Nanotubes	M. Cini
15.10–15.35	Semiconducting oxide nanobelts gas sensors	G. Sberveglieri
15.35–16.00	Transition from nano-to micro-crystals of CdSe prepared by chemical deposition	V. Ruyckev
16.00–17.15	<i>Poster Session, Technology Workshop and Coffee</i>	
17.15–17.40	Gas sensing with nanostructured oxides of Ti and VI-B-group elements	M. Ferroni
17.40–18.05	Selective deposition of plasma produced silicon clusters and nanocrystalline particles on a cold substrate	N. Chaabane
18.05–18.30	Culture of innovation (Corporate Communication – 3M)	D. Aleggiani



September 28th

Morning Session

Chair:

9.00 – 9.25	Persistent currents in mesoscopic rings with a quantum dot	A.A. Aligia
9.25 – 9.50	Two-dimensional and three- dimensional quantum dot	N. Kaputkina
9.50–10.15	EPR of Cd _{1-x} Mn _x S Quantum Dots	D. Milivojevic
10.15–10.40	Investigation of elastic strain influence on Ge quantum dot formation in Si(SiGe)	M. Rubezhanska
10.40–11.05	<i>Coffee</i>	
11.05–11.30	STM studies of Aluminium Nitride Nanotubes/Nanofibers	C. Balasubramanian
11.30–11.55	Mechanism of the Near Field assisted submicron Nickel dot deposition on silicon	A. Gokarna
11.55–12.20	The studies of nanometer materials in Chinese Academy of Science	Xie Sishen
12.20–12.45	Summary talk	
12.45	<i>End of Workshop</i>	