



Programme

September 19, 2009	
9:30 - 10:00	S. Sivaram: <i>Polymer Nanocomposites: Molecular Approaches To Tailoring Interfaces</i>
10:00 - 10:30	Fernando Galembeck: <i>Electrostatic adhesion: a broad scope tool for making polymer nanocomposites</i>
10:30 - 11:00	COFFEE BREAK
11:00 - 11:30	Henrique E. Toma: <i>Functionalized nanoparticles for capturing, sensing and transporting molecules.</i>
11:30 - 12:00	Satishchandra Ogale: <i>Functional nanomaterials for solar cells and optoelectronic applications</i>
12:00 - 12:30	Fernanda Stedile: <i>Characterizing the SiO₂/SiC interface and improving its properties aiming at applications in micro and nanoelectronics</i>
12:30 - 14:00	LUNCH
14:00 - 14:30	A.K. Sood: <i>Ultrafast femtosecond lasers in the study of materials like Carbon Nanotubes</i>
14:30 - 15:00	U. Ramamurty: <i>Nano-mechanical characterization of advanced materials</i>
15:00 - 15:30	Aldo J.G. Zarbin: <i>Carbon nanotubes, metal nanoparticles and their nanocomposites with conducting polymers: synthesis, characterization, properties and applications</i>
15:30 - 16:00	COFFEE BREAK
16:00 - 16:30	Ayyappanpillai Ajayaghosh: <i>Hybrid Self-assemblies of Linear -Systems and Carbon Nanotubes</i>
16:30 - 17:00	S.B. Krupanidhi: <i>Artificial Perovskite Superlattices & Quantum dots</i>
17:00 - 17:30	Marcos Pimenta: <i>Electronic Structure and Phonon dispersion in Graphene investigated by resonance Raman scattering</i>
17:30 - 18:00	Celso P. de Melo: <i>The ELINOR Effect: Enhanced Luminescence of Organic/Inorganic Origin in Metal/(Conducting Polymer) Nanocomposites</i>
18:00 - 18:30	Fernando Lázaro Freire Jr.: <i>Nanostructured Carbon-based Materials: Thin Films, Nanotubes and Composites</i>

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September 20, 2009	
9:30 - 10:00	Deepa Khushalani: <i>Formation of Functional Oxides - Synthetic Approach to Advanced Materials</i>
10:00 - 10:30	Silvia S. Guterres: <i>Polymer-drug loaded nanoparticles targeting the brain tissue</i>
10:30 - 11:00	COFFEE BREAK
11:00 - 11:30	Nelson Durán: <i>Screening of Different Fusarium Species for Synthesis of Silver Nanoparticles and their Potential for Development of Novel Antimicrobial Agents</i>
11:30 - 12:00	Sushanta Dattagupta: <i>Ferroelectric Domains -- Formation, Dynamics and Imaging</i>
12:00 - 12:30	Umesh V. Waghmare: <i>First-principles determination of free energies of ferroelectric phase transitions</i>
12:30 - 14:00	LUNCH
14:00 - 14:30	José d'Albuquerque e Castro: <i>Effects of coupling disorder on the susceptibility of antiferromagnetic nanochains</i>
14:30 - 15:00	Koiti Araki: <i>Supramolecular Coordination Chemistry Based Approach to Nanotechnology</i>
15:00 - 15:50	C.N.R. Rao: <i>Alternative routes to multiferroics</i>

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