

Program Overview of the 2nd International Workshop on Polymer/Metal Nanocomposites

2005-09-26 MONDAY

08:30	BUS transfer to Workshop		
8:30-9:30	REGISTRATION		
9:30-9:45	Opening remarks		
		Titel of Presentation	
9:45-10:30	Kay	Synthesis, Properties and Applications of Metal Nano Particles Dispersed in Fluorocarbon Thin Film Matrices	invited
10:30-11:00	Radhakrishnan	Nanoparticles Grown In Situ in Polymer Fims and and Nonlinear Optical Applications	invited
	BREAK		BREAK
11:30-12:00	Krebs	Growth of polymer/metal-nanocomposites by pulsed laser deposition	invited
12:00-12:15	Kiesow	Periodically ordered structure changes in metal nanoparticle-containing plasma polymer films by laser irradiation	.
12:15-12:30	Govor	CoPt3 nanoparticle rings formed via phase separation in thin film of a binary solution	.
12:30-12:45	Akamatsu	Hybrid Metal/Polyimide Nanocomposites with Controlled Microstructures	.
12:45-13:00	Suleiman	Polymer and Surfactant stabilised Pd-H Clusters: Differences in the Isotherms	.
	LUNCH		LUNCH
14:00-15:00	POSTER		POSTERS
15:00-15:30	Corain	Functional resins as useful means for producing polymer-metal nanocomposites: from macromolecular "metal complexes"
15:30-15:45	Drelinkiewic	Pd-poly(4-vinylpyridine), preparation and catalytic properties	.
15:45-16:00	Espuche	Nanoparticle metal polymer films : influence of the metal complex on the morphology and the gas transport properties	.
16:00-16:15	Dzhardimalieva	Controlled thermolysis of metal-containing precursors as a way for synthesis of metalopolymer nanocomposites	.
16:15-16:30	Trofimchuk	Crazed porous polymers as the templates for the metal-polymer composite synthesis	.
	BREAK		BREAK
17:00-17:30	Bruening	Nanoparticles Embedded in Multilayer Polyelectrolyte Films: Catalytic and Antibacterial Applications	invited
17:30-17:45	Tannenbaum	Characterization of Metal-Polymer Interfaces in Nanocomposites and the Implications to Mechanical Properties	.
17:45-18:00	Roth	A combinatorial comparative study of gradient noble metal / polymer /Si multilayers	.
18:00-18:15	Riss	Measurement of Polymer / Metal Nanocomposites	.
18:15-18:30	Novak	Study of Morphology of Polymer Nanocomposites	.
	DINNER		DINNER
19:00	DINNER		DINNER
21:00	BUS transfer to Hotel		

Program Overview of the 2nd International Workshop on Polymer/Metal Nanocomposites

2005-09-27 TUESDAY

08:15	BUS transfer to Workshop		
9:00-9:30	Pomogailo	Metallopolymer Nanocomposites	
9:30-10:00	Yang	Polymer/Metal Nanocomposites as the next generation electronic digital memory devices	invited
10:00-10:15	Müller-Buschbaum	Magnetic particles in supported polymer nano-structures	
10:15-10:30	Zaporojtchenko/Faupel	VPD Polymer-Metal Nanocomposites for Functional Applications	
10:30-10:45	Protsenko	Optical heterogeneous media for high-efficient photo-voltaic, dipole nano-lasers and nano-amplifiers	
	BREAK		BREAK
11:15-11:45	Malde	Polymers in Heterogeneous Catalysis	invited
11:45-12:00	Deki	One-step Synthesis of Pt / Polypyrrole Composite for electrode materials	
12:00-12:15	Kulesza	Structure, morphology, and reactivity of conducting polymer-linked polyoxometallate-stabilized platinum nanoparticles	
12:15-12:45	Budd	Polymers of intrinsic microporosity incorporating metals for catalytic applications	invited
12:45-13:45	SNACKS/POSTER		SNACKS/POSTER
13:45-14:15	Adelung	Simple methods to create a metal-nanowire polymer composite	invited
14:15-14:30	Ijjiro	Fabrication of DNA-Templated Silver Nanowires by Electroless Plating	
14:30-15:00	Greiner	Preparation and application of polymer nanofibers and nanotubes	invited
15:00	CLOSING of Workshop		
15:15	BUS transfer to hotel		
16:00	HOTEL		