MINISTERUL EDUCAŢIEI
CERCETARII ŞI TINERETULUI

UNIVERSITATEA TEHNICA

DIN CLUJ-NAPOCA

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Transsylvanian Workshop in Păltiniș:

"Frontiers of Magnetic Resonance Applications to Nano- and Microscopically Structured Systems"

Alexander-von-Humboldt Institute Partnership

Physics Department of the Technical University Cluj-Napoca

and Sektion Kernresonanzspektroskopie, University of Ulm

February 25 – March 1, 2004

Wednesday, 25.02.04	18.00		Arrival in Paltinis
Thursday, 26.02.04	9.00	Rainer Kimmich	Polymer chain modes in melts in bulk and under nanoscopic constraints
	9.45	Mircea Bogdan	1H NMR investigation of intermolecular association
	10.30	Ravinath Kausik	Relaxometry and Diffusometry Studies of Confined Polymers
	11.15	Simona Nicoara	VOCs: Emission sources and methods of determining their concentration in air
Friday, 27.02.04	9.00	Elke Kossel	Spatially resolved flow measurements in microscopic model pore spaces
	9.45	Carlos Mattea	Spin-Lattice NMR Relaxation in Non-Saturated Nano- and Microporous Media
	10.30	German Farrher	Two-Phase Exchange Model for Diffusion in Partially Filled Porous Glasses
	11.15	Hernan Tiraboschi	Influence of flow on the surface correlation function, a numerical simulation
	12.00	Codruta Badea	Optical methods in engineering
Saturday, 28.08.04	9.00	Claudiu Filip	Heteronuclear decoupling in the modern solid-state NMR spectroscopy
	9.45	Liviu Giurgiu	What EPR tells us about spin dynamics in nanostructured magnetites
	10.30	Diana Bogdan	Ligand-macromolecules interaction as observed by nuclear relaxation
	11.15	Culea Eugen	Spectroscopic and magnetic behavior of some glasses containing rare-earth irons
Sunday, 29.02.04	9.00	Elmar Fischer	Constant time steady gradient NMR diffusometry using the secondary stimulated echo
	9.45	Cristian Morariu	*Ab initio* calculation of NMR chemical shifts
	10.30	Bogdan Buhai	Transport Pathways in Percolation Model Objects. Simulation and NMR Experiments
	11.15	Ioan Ardelean	Nonlinear, rotary, nutation and grating spin echoes for diffusion measurements
Monday, 1.03.04	12.00		Departure in Paltinis