

AMPERE NMR School 2015
and 5th Summer Symposium on Nanomaterials and their Application to Biology and Medicine
Zakopane, Poland

SUNDAY, June 14 th		MONDAY, June 15 th		TUESDAY, June 16 th		WEDNESDAY, June 17 th		THURSDAY, June 18 th		FRIDAY, June 19 th		SATURDAY, June 20 th	
		8:00-9:00 Breakfast		8:00-9:00 Breakfast		8:00-9:00 Breakfast		8:00-9:00 Breakfast		8:00-9:00 Breakfast		8:00-9:00 Breakfast	
		9:00-9:45 Janez Dolinsek High - entropy alloys		9:00-9:45 Franz Fujsara The beauty of field cycling relaxometry		9:00-9:45 Lucia Pasquato Hybrid organic-inorganic nanoparticles as drug carriers		9:00-9:45 Siegfried Stapf NMR relaxation and diffusion investigations of molecular dynamics in supercooled ionic liquids in bulk and in confinement		9:00-9:45 Wiktor Kozmiński High-resolution multidimensional NMR spectroscopy of biomolecules			
		9:45-10:30 Matthias Ernst BROKEN SYMMETRY AND ERROR-FREE ROTATIONS: TRANSIENT COMPENSATION IN SOLID-STATE NMR		9:45-10:30 David Lurie Fast Field-Cycling MRI- a New Imaging Modality		9:45-10:30 Giuseppe Spoto Detection of nucleic acid sequences in droplet microfluidic devices		9:45-10:30 Danuta Kruk Relaxation theory of everything		9:45-10:30 Dieter Michel ADSORPTION AND DYNAMICS OF SMALL MOLECULES IN MOFS			
		10:30-11:00 Coffee Break		10:30-11:00 Coffee Break		10:30-11:00 Coffee Break		10:30-11:00 Coffee Break		10:30-11:00 Coffee Break		10:30-11:00 Coffee Break	
Afternoon Arrivals & Accommodation		11:00-11:45 Roland Bohmer Second-Order Central-Line Exchange Spectroscopy		11:00-11:30 Jiří Špěváček NMR studies of collapse transition in aqueous polymer solutions and gels		11:00-11:30 Jacek Ulański Sensors based on Organic Charge-Modulated Field Effect Transistors		11:00-12:30 Excursion		11:00-11:30 Janez Stepisnik Rheo - NMR: Unveiling the non-Noewtonian properties of liquids by the gradient spin echo		11:00-11:30 Jacques Fraissard Xe NMR technique: various applications	
		11:45-12:30 Gregor Mali NMR of Ordered Nanoporus Materials		11:45-12:30 Władysław Węglarz Demyelination in mouse brain. MRI "histology" in vivo using mprage and cryo-coil at 9.4T		11:30-12:00 Karol Tuśnio Gold nanoparticles enhanced detection and quantification of proteins with the use of Surface Plasmon Resonance				11:30-12:00 JEOL Ltd. Company Representative Useful analysis of solid-state NMR Dr Satoshi SAKURAI		11:30-12:00 Dr K. Kazimierzczuk SPARSITY IN NMR SPECTROSCOPY	
						12:00-12:20 Kamila Domin Structure of ice confined in nanopores of carbon materials							
						12:20-12:40 Jarosław Mazuryk Rapamycin-loaded solid lipid nanoparticles for medical application							
		12:30-13:30 Lunch		12:30-13:30 Lunch		12:30-13:30 Lunch		12:30-13:30 Lunch		12:30-13:30 Lunch		12:30-13:30 Lunch	
		13:30-15:30 Free Time		13:30-15:30 Free Time		13:30-15:30 Free Time		13:30-15:30 Free Time		13:30-15:30 Free Time		13:30-15:30 Free Time	
		15:30-16:15 Maurizio Fermeglia Theory modeling and simulation: a fundamental tool for nano- bio-med research		15:30-16:15 Loredana Casalis Functional nanostructured surfaces for the sensitive detection of cancer biomarkers		15:30-16:15 Janez Dolinsek Synthesis and magnetic properties of hematite particles in a "nanomedusa" morphology		15:30-16:15 Vladimir Chizhik NMR relaxation and dynamics in imidazolium-based ionic liquids and their solutions					
		16:15-17:00 Georgios Papavassiliou The Physics of contemporary nanocatalysts		16:15-17:00 Tatiana Da Ros Bioapplication of emerging carbon nanostructures		16:15-17:00 Raphaël Schneider Zeolitic imidazolate framework 8 : applications to heterogeneous catalysis and as pH sensitive drug release materials.		16:15-17:00 Alex MacKay Inhomogeneous Magnetization Transfer					
		17:00-17:30 Coffee Break		17:00-17:30 Coffee Break		17:00-17:30 Coffee Break		17:00-17:30 Coffee Break		17:00-17:30 Coffee Break		17:00-17:30 Coffee Break	
Afternoon Departure		17:30-18:00 Krzysztof Koziol Development of ultra-light and rapid carbon heaters		17:30-18:00 Marek Grzelczak Plasmonic particles in nanomedicine: tailoring surface chemistry		17:30-18:00 Hae Jin Kim Oxygen vacancy effect in beta- Ga2O3 nanoparticle		17:30-19:00 Two-dimensional NMR spectroscopy L. Popenda		17:30-18:00 Hyun Suk Jung High resolution electron microscopy: Its application to biology and medicine		Free Time	
		18:00-18:30 Yukio Nagasaki Redox Injectable Gels for Local Inflammation Treatments		Poster Session		18:00-18:30 Bartosz Grześowiak Establishment of transgenic fibroblasts using nanoparticle-based gene delivery vectors							
		18:30-18:50 Magdalena Hałupka-Bryl Synthesis and evaluation of PEG-b-poly(4-vinylbenzylphosphonate) coated magnetic nanoparticles containing doxorubicin as potential targeted drug delivery system				18:30-18:50 Martyna Michalska Peptide-functionalized CuInS2/ZnS QDs as fluorescent nanoprobe for targeted cancer cells imaging							
		18:50-19:10 Barbara Maciejewska Multiwall Carbon Nanotubes - based nanoplatfoms for bioapplications				18:50-19:10 Katarzyna Jastrzębska Bioengineered spider silks as biocompatible drug carriers							
		19:10-19:30 Mikołaj Kościński Nanoporous carbon composites: improving electrical properties for better ammonia sensor performance											
19:00		19:30 Dinner Regional Restaurant		19:30 Dinner		19:30 Dinner		19:30 Dinner		19:30 Dinner		19:30 Dinner	
								20:30 Organ Concert - Prof. D. Michel		20:30 Certificates and poster prizes School Closing Dinner			