

**23rd - 29<sup>th</sup> June 2013, ZAKOPANE**

	<b>SUNDAY June 23<sup>rd</sup></b>	<b>MONDAY June 24<sup>th</sup></b>	<b>TUESDAY June 25<sup>th</sup></b>	<b>WEDNESDAY June 26<sup>th</sup></b>	<b>THURSDAY June 27<sup>th</sup></b>	<b>FRIDAY June 28<sup>th</sup></b>	<b>SATURDAY June 29<sup>th</sup></b>	
8:00-9:00		BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST		
9.00-9.45	<b>ARRIVAL</b>	<b>F. Fujara</b> Radiation damage in heavy ion irradiated ionic crystals	<b>W. Weglarz - TUTORIAL</b> Magnetic Resonance Imaging of anisotropic diffusion and perfusion - from physics to biomedicine	<b>A. MacKay</b> Looking for water movement in brain	<b>J. Stepsnik</b> Investigations of molecular translational dynamics by NMR gradient spin echo	<b>J. White</b> Investigating the Hard Problems in Soft Matter by Magnetic Resonance	<b>DEPARTURE</b>	
9.45-10.30		<b>R. Wasylshen - TUTORIAL</b> NMR of Quadrupolar Nuclei in Solid Materials	<b>D. Lurie</b> Techniques and Applications of Field-Cycling MRI	<b>R. Kurz</b> Avoiding bias effects in NMR experiments for heteronuclear dipole-dipole coupling determinations <b>R. Bärenwald</b> NMR Investigations of Chain Dynamics in Poly(ethylene) Crystallites	<b>J. Spěváček</b> Thermosensitive polymers in aqueous solutions and hydrogels studied by NMR and other methods	<b>C. Mattea</b> NMR relaxation study of ionic liquids confined in mesoporous media		
10.30-11.00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		COFFEE BREAK
11.00-11.45		<b>Z. Fojud</b> Quadrupolar NMR spectroscopy used for superconducting materials	<b>E. Rössler</b> Isotropic and anisotropic reorientation in molecular liquids revealed by spin relaxation	<b>J. Fraissard</b> NMR in Archaeology. The secret of the Maya Blue preparation	<b>D. Michel</b> Carbon-13 NMR study of CO and CO2 in MOFs	<b>H. Haranczyk</b> Relaxation, spectroscopy, and relaxation spectroscopy used for monitoring of residual water in cryptobiotic organisms and in dry biological systems		
11.45-12.30		<b>T. Apih</b> Nuclear quadrupole resonance: from basics to recent applications	<b>R. Wasylshen</b> The role of quantum chemistry computations in magnetic resonance spectroscopy: from nuclei in atoms and diatomics to nuclei in crystals	<b>V. Chizhik</b> NMR in the Earth magnetic field	<b>O. Lapina</b> SSNMR study of Zr-Si-O glass fiber catalysts	<b>B. Blicharska</b> Molecular dynamics of protein investigated by NMR relaxation methods		
12.30-14.00		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH		
14.00-16.45		FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME		
16.45-17.00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		
17.00 - 17.45		<b>C. A. de Lange</b> Evolutionary strategies in liquid-crystal NMR: spectral analysis made easy	<b>M. Bielejewski</b> Multi-Field" approach in investigation of novel hydrazide derivative LMOG <b>K. Szutkowski-Tutorial</b> Diffusion NMR measurements tutorial	<b>D. Kruk</b> NMR relaxometry - solids versus liquids	<b>Excursion</b>	<b>A. Rachocki</b> Structural and dynamical disorder in imidazole-like protonic conductors		
17.45 - 18.30		<b>E. Burnell</b> Can NMR tell us anything about molecular conformations?	<b>POSTER SESSION</b>	<b>POSTER SESSION</b>		FREE TIME		
18.30 - 19.00		<b>K. Meyer</b> Spatially resolved field cycling relaxometry on heavy ion irradiated ionic crystals: Experiment and theory						
19.30		Opening & welcome talks	Dinner in Regional Restaurant "Biały Potok"	Dinner	19:00 Dinner 20.00 - 20.45 Organ Concert Prof. D. Michel	Certificates and poster prizes School Closing Dinner		