

**AMPERE NMR SCHOOL 2014**  
**22-28.06.2014, ZAKOPANE**

	<b>SUNDAY</b> <b>June 22</b>	<b>MONDAY</b> <b>June 23<sup>th</sup></b>	<b>TUESDAY</b> <b>June 24<sup>th</sup></b>	<b>WEDNESDAY</b> <b>June 25<sup>th</sup></b>	<b>THURSDAY</b> <b>June 26<sup>th</sup></b>	<b>FRIDAY</b> <b>June 27<sup>th</sup></b>	<b>SATURDAY</b> <b>June 28<sup>th</sup></b>	
7:30-8:45		BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST		
9.00-9.45	<b>ARRIVAL</b>	<b>S. Vega</b> Spin and Spectral Diffusion during DNP experiments	<b>J. Kowalewski</b> Molecular dynamics and NMR relaxation: models for spectra densities	<b>D. Lurie</b> Techniques and Bio-Medical Applications of Field-Cycling Magnetic Resonance	<b>V. Chizhik</b> PROTON MAGNETIC RELAXATION AND HYDROGEN MOBILITY IN Ti-V-Cr INTERMETALLIC HYDRIDES	<b>J. Stepišnik</b> Nuts and bolts of the gradient spin echo to study the molecular dynamics	<b>DEPARTURE</b>	
9.45-10.30		From quasicrystals to high-entropy alloys – an NMR and physical-property study	<b>D. Kruk</b> NMR relaxometry in examples	<b>A. MacKay</b> Relaxation in brain is not as simple as we thought	<b>J. Fraissard</b> An overview of the Xe NMR technique: from porous materials till biology and medical applications	<b>J. M. Schmidt</b> The Use of Spin-Spin Coupling Data in Protein Structure Refinement		
10.30-11.00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		
11.00-11.45		<b>F. Fujara</b> Time, demons and illusions	<b>W. Koźmński</b> High-resolution NMR spectroscopy of biomolecules	<b>W. Węgrzyn</b> T1, T2 and T2* - weighted Magnetic Resonance Imaging. Examples of applications in biomedical and pharmaceutical sciences	<b>J. Speváček</b> NMR studies of thermoresponsive polymers in aqueous solutions and hydrogels	<b>D. Michel</b> Ferroelectricity in Confined Geometry		
11.45-12.30		<b>R. Wasylshen</b> NMR Studies of hydrogen bonding and tautomerism	<b>S. Stapf</b> High-field and variable-field NMR investigations of the maltene-asphaltene molecular interaction in crude oil	<b>H. Gracz</b> Application of NMR in Biology and Medicine	<b>J. Tritt-Goc</b> The solvent dynamics at surfaces in molecular gels studied by FFC relaxometry	<b>I. Ardelean</b> Monitoring the temperature effects on early stage cement hydration via Fast Field Cycling NMR relaxometry		
12.30-14.00		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH		
14.00-16.45		FREE TIME	FREE TIME	FREE TIME	<b>13:30 Excursion</b>	FREE TIME		FREE TIME
16.45-17.00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		COFFEE BREAK		COFFEE BREAK
17.00 – 17.45		<b>J. Jencyk</b> NMR study of P(MEO2MA) polymer <b>T. Zalewski</b> Cardiac MR Imaging: the basics and application	<b>I. Zhukov</b> Structural analysis of human PrPC prion protein and its pathogenic mutants	<b>Excursion</b>	<b>POSTER SESSION</b>	FREE TIME		
17.45 - 18.30		<b>TUTORIAL</b> <b>R. Wasylshen</b> NMR studies of quadrupolar nuclei	<b>POSTER SESSION</b>					
18.30 - 19.00			Dinner					
19.30	& welcome party	Dinner in Regional Restaurant	Dinner	Dinner	<b>20.00 - 20.45 Organ Concert</b> Prof. D. Michel	Certificates and poster prizes School Closing Dinner		