

**AMPERE NMR School 2016**  
**Zakopane, Poland**

SUNDAY, June 12 <sup>th</sup>		MONDAY, June 13 <sup>th</sup>		TUESDAY, June 14 <sup>th</sup>	WEDNESDAY, June 15 <sup>th</sup>	THURSDAY, June 16 <sup>th</sup>	FRIDAY, June 17 <sup>th</sup>	SATURDAY, June 18 <sup>th</sup>			
8:00-9:00		<b>Breakfast</b>		<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>			
9:00-9:45		<b>B. Blümich</b> Applications of NMR Relaxometry and Spectroscopy with Compact NMR		<b>S. Vega</b> Some insights into the DNP enhancement of static and rotating spin systems in solids	<b>W. Koźmiński</b> High-resolution multidimensional NMR spectroscopy of biomolecules	<b>G. Mali</b> NMR and first-principle-calculations study of battery materials	<b>R. Wasylishen</b> Tutorial - NMR of Quadrupolar Nuclei in Solid Materials				
9:45-10:30		<b>D. Kruk</b> Dynamical heterogeneity versus homogenous motion by means of NMR relaxometry		<b>J. Fraissard</b> NMR of metals and of supported metals	<b>J. Schmidt</b> MUSINGS ON DELUSIONS: WHY AMINOACID SIDECHAIN ROTAMERS ESCAPE 3J COUPLING CONSTANT ANALYSIS	<b>D. Michel</b> High resolution MAS NMR of molecules sorbed in nanoporous systems	<b>V. Chizhik</b> POLYETHYLENE GLYCOL SPACERS AS A MOLECULAR LOCK IN COPOLYMER DENDRIMERS IN CHLOROFORM: NMR EVIDENCE				
10:30-11:00		<b>Coffee Break</b>		<b>Coffee Break</b>	<b>Coffee Break</b>	<b>Coffee Break</b>	<b>Coffee Break</b>				
11:00-11:45		<b>D. Lurie</b> Field-Cycling Magnetic Resonance Imaging – A Curiosity or The Next Big Thing		<b>J. Tritt-Goc</b> Proton conductive cellulose doped with imidazole: from synthesis to conductive mechanism	<b>I. Serša</b> Multiparametric MRI in Characterization of Biological tissues	<b>R. Wasylishen</b> Solid-State NMR Studies of the Methylammonium Lead Perovskites	<b>J. Spěváček</b> Thermoresponsive polymer systems in aqueous solutions and gels studied by NMR and other methods				
11:45-12:30		<b>W. Weglarz</b> Application of MRI in assessment of proton therapy in tumor animal model		<b>J. Stepišnik</b> Exploiting the internal susceptibility gradient for the characterization of porous materials by using MGSE method	<b>A. MacKay</b> Selective extraction of the lipid signal from the dipolar broadened NMR lineshape of brain	<b>A. Byrd</b> New Approach to Analysis of Relaxation Experiments	<b>S. Sakurai</b> Application of multinuclear solid-state NMR Company Representative/JEOL				
12:30-13:30		<b>Lunch</b>		<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>				
13:30-16:00		<b>Free Time</b>		<b>Free Time</b>		<b>Free Time</b>		<b>Free Time</b>			
16:00-16:45								Stasia Bembek METABOLOMIC INVESTIGATIONS OF WILDLIFE USING 1H-NMR SPECTROSCOPY			
16:45-17:00		<b>Coffee Break</b>		<b>Coffee Break</b>		<b>Coffee Break</b>		<b>D. Rybicki</b> New phase diagram of all cuprate high temperature superconductors based on NMR  <b>T. Zalewski/M. Kempka</b> MRI: basic principles and applications Group 1 and 2			
17:00-17:45		<b>On-line laboratory training</b>		<b>Excursion</b>		<b>On-line laboratory training</b>				16:45-17:15	
		<b>Z. Fojud/M. Dobies</b> NMR relaxometry (1H T1, T2) Group 1	<b>K. Szutkowski/M. Kempka</b> NMR diffusometry Group 2			<b>M. Makrocka-Rydzik/J. Jenczyk</b> High resolution solid state NMR Group 1	<b>Ł. Popenda/I.Zhukov</b> Two-dimensional NMR spectroscopy Group 2				
17:45-18:00		groups rotation				groups rotation				17:15-17:30	<b>Coffee Break</b>
18:00-18:45		<b>K. Szutkowski/M. Kempka</b> NMR diffusometry Group 1	<b>Z. Fojud/M. Dobies</b> NMR relaxometry (1H T1, T2) Group 2			<b>Ł. Popenda/I.Zhukov</b> Two-dimensional NMR spectroscopy Group 1	<b>M. Makrocka-Rydzik/J. Jenczyk</b> High resolution solid state NMR Group 2			17:30-18:15	<b>On-line laboratory training</b>
18:45-19:15		walk to...									
19:45	Opening dinner	19:00	<b>Dinner Regional Restaurant 19:15</b>	<b>Dinner</b>	<b>19:00 Dinner 20.15-21.00 ORGAN CONCERT Prof. D. Michel</b>	<b>Dinner</b>	<b>Certificates and poster prizes School Closing Dinner</b>				

**Afternoon Arrivals & Accommodation**

**Departure**