

AMPERE NMR School

June 23th - July 29th 2019, Zakopane, Poland

PROGRAMME

SUNDAY, June 23 th		MONDAY, June 24 th		TUESDAY, June 25 th		WEDNESDAY, June 26 th		THURSDAY, June 27 th		FRIDAY, June 28 th		SATURDAY, June 29 st			
		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>			
		B. Meier Solid-state Protein NMR: Resolution and Sensitivity for Fast MAS Experiments		B. Blümich Mobile NMR: Principles and Unusual Applications		F. Ferrage Relaxometry of biological macromolecules in solution		I. Kuprov Spatial dynamics in NMR and how to simulate it		W. Andrałojć G-quadruplex nucleic acids studied by NMR spectroscopy					
		M. Ernst Manipulating Proton-Driven Spin Diffusion under MAS Solid-state NMR		J. Dolinšek NMR study of structural injection grouts for historical buildings repair		J. Tritt - Goc Molecular dynamics in cellulose-based gel and composites studied by NMR		D. Lurie MRI Basics and Research on Fast FieldCycling MRI		D. Michel NITRIC OXIDE - AN INTERESTING MOLECULE FOR BIO-MEDICAL APPLICATIONS. AN EPR AND NMR STUDY					
		<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>					
		S. Stapf NMR of wetting - how to rock it despite of ageing		W. Koźmiński High dimensionality and high resolution NMR experiments for biomolecules		A. MacKay Many ways to separate spin reservoirs in brain		E. Anordo Experimental issues on field-cycling NMR: critical aspects, physical and technical limits		J. Stepišnik Molecular dynamics in simple liquids and their mixtures studied by NMR diffusion spectroscopy					
		V. Telkki Multidimensional relaxation and diffusion measurements		Olli Gröhn NMR/MRI in biomedical applications		D. Kruk Deep physics behind quadrupole peaks		G. Buntkowsky Hyperpolarization with Parahydrogen		D. Topgaard Multidimensional diffusion MRI					
		<i>Lunch</i>		<i>Lunch</i>		<i>Lunch</i>		<i>Lunch</i>		<i>Lunch</i>					
		<i>Free Time</i>		WORKSHOP NMR Simulation Workshops I. Kuprov		<i>Excursion</i>		WORKSHOP NMR Simulation Workshops I. Kuprov		<i>Free Time</i>					
				<i>Free Time</i>				<i>Free Time</i>							
		<i>Coffee Break</i>		<i>Coffee Break</i>				<i>Coffee Break</i>		<i>Coffee Break</i>					
		<i>On-line laboratory training</i>		<i>Poster Session</i>				<i>On-line laboratory training</i>		Ziqing Wang Interaction of Metabolites with Macromolecules Investigated by High-Resolution NMR Relaxometry					
		J. Jenczyk Solid state NMR Group 1						K. Szutkowski NMR diffusometry Group 2		Z. Fojud NMR relaxometry (1H T1, T2) Group 1		W. Andrałojć Two-dimensional NMR spectroscopy Group 2			
		<i>groups rotation</i>								<i>groups rotation</i>		<i>On-line laboratory training</i>			
		K. Szutkowski NMR diffusometry Group 1						J. Jenczyk Solid state NMR Group 2		W. Andrałojć Two-dimensional NMR spectroscopy Group 1		Z. Fojud NMR relaxometry (1H T1, T2) Group 2		T. Zalewski/ M. Kempka MRI: basic principles and application Group 1 and 2	
		<i>walk to...</i>													
19:45	<i>Opening dinner</i>	19:00	<i>Dinner Regional Restaurant 19:15</i>	<i>Dinner</i>	<i>Dinner</i>	19:00 Dinner 20.15-21.00 ORGAN CONCERT Prof. D. Michel	<i>Dinner</i>	<i>Certificates and poster prizes School Closing Dinner</i>							

Afternoon Arrivals & Accommodation

Departure