

AMPERE NMR School

June 10th - June 16th 2018, Zakopane, Poland

PROGRAMME

SUNDAY, June 10 th		MONDAY, June 11 th		TUESDAY, June 12 th		WEDNESDAY, June 13 th		THURSDAY, June 14 th		FRIDAY, June 15 th		SATURDAY, June 16 th	
8:00-9:00		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>		<i>Breakfast</i>	
9:00-9:45		B. Blümich NMR spectroscopy with compact instruments (9:00-10:00)		B. Meier Solid-state NMR of proteins: structure and dynamics		I. Kuprov Nuclear spin relaxation theory for people who hate mathematics		E. Rössler Rotational and translational dynamics in liquids, polymers, and plastic crystals studied by field-cycling NMR relaxometry		D. Michel EPR and NMR studies on nitric oxide (NO) molecules in liquid state and embedded in porous media		<i>Departure</i>	
9:45-10:30		D. Topgaard Relaxation-diffusion correlation in the human brain (10:00-10:45)		W. Koźmiński High dimensionality and high resolution NMR experiments for biomolecules		B. Blümich Nondestructive testing of materials by compact NMR		D. Lurie MRI basics and research on Fast Field-Cycling MRI		J. Stepišnik Structure of porous media and hydrodynamic fluctuations in liquids observed by NMR gradient spin echo methods			
10:30-11:00		<i>Coffee Break (10:45-11:15)</i>		<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>		<i>Coffee Break</i>			
11:00-11:45		G. Batta Molecular dynamics, hidden states and stress induced unfolding of cyclic proteins by solution phase NMR (11:15-12:00)		G. Buntkowsky Solid State NMR Applications in Catalysis and Materials Sciences		D. Kruk Controversial interpretation of NMR relaxation data for ionic systems		J. Spěvák NMR studies of stimuli-responsive polymer systems in solutions and hydrogel		J. Luzar NMR relaxometry study of cement injection pastes with additives			
11:45-12:30		V. Telkki MRI of materials and chemical reactions (12:00-12:45)		G. Mali On the way to NMR crystallography		J. Tritt-Goc Proton conductors based on micro- and nanocellulose		S. Stapf Complex fluids and interfaces studied by DNP-FFC		M. Bielejewski Translational dynamics and enhancement effect in renewable ionic gels			
12:30-13:30		<i>Lunch (12:45-13:30)</i>		<i>Lunch</i>		<i>Lunch</i>		<i>Lunch</i>		<i>Lunch</i>			
13:30-16:45		<i>Free Time</i>		<i>Free Time</i>		<i>Excursion</i>		<i>Free Time</i>		<i>Free Time</i>			
16:45-17:00		<i>Coffee Break</i>		<i>Coffee Break</i>				<i>Coffee Break</i>		<i>Coffee Break</i>			
17:00-17:45		<i>On-line laboratory training</i>		<i>Poster Session</i>				<i>On-line laboratory training</i>		Young Researcher Forum 2 presentations (17:00-17:40)			
		Z. Fojud / M. Dobies M. Jancelewicz NMR relaxometry (¹ H T ₁ , T ₂) Group 1	K. Szutkowski NMR diffusometry Group 2					J. Jencyk High resolution solid-state NMR Group 1	W. Andrałojć Two-dimensional NMR spectroscopy Group 2				
17:45-18:00		<i>groups rotation</i>								<i>groups rotation</i>		<i>On-line laboratory training</i>	
18:00-18:45		K. Szutkowski NMR diffusometry Group 1	Z. Fojud / M. Dobies M. Jancelewicz NMR relaxometry (¹ H T ₁ , T ₂) Group 2			W. Andrałojć Two-dimensional NMR spectroscopy Group 1	J. Jencyk High resolution solid-state NMR Group 2			T. Zalewski / M. Kempka MRI: basic principles and application Group 1 and 2			
18:45-19:15		<i>walk to...</i>											
19:45	<i>Opening dinner</i>	19:00	<i>Dinner Regional Restaurant 19:15</i>	<i>Dinner</i>	<i>19:00 Dinner 20.15-21.00 ORGAN CONCERT Prof. D. Michel</i>		<i>Dinner</i>	<i>Certificates and poster prizes School Closing Dinner</i>					

Afternoon Arrivals & Accommodation