

# "Zakopane" AMPERE NMR SCHOOL 2021

# PROGRAMME

VIRTUAL EVENT

June 21-23 2021, Poznan, Poland

Country/Time Zone					MONDAY, June 21st	TUESDAY, June 22th	WEDNESDAY, June 23rd
USA/Canada(west)(CEST-9)	Brazil (CEST-5)	USA/Canada(east)(CEST-6)	India (CEST+3:30)	CEST			
23.45-0.00	3.45-4.00	2.45-3.00	12.15-12.30	8.45-9:00	<b>Stefan Jurga</b> <i>welcome</i>		
0.00-0.40	4.00-4.40	3.00-3.40	12.30-13.10	9.00-9.40	<b>Bernhard Blümich</b> Molecular Dynamics by NMR for Materials Testing: Relaxation, Exchange and MRI	<b>Ilya Kuprov</b> Why are some nuclei non-spherical and what does that have to do with spin?	<b>Beat Meier</b> Fast MAS and Biomolecules
0.40-1.20	4.40-5.20	3.40-4.20	13.10-13.50	9.40-10.20	<b>David Lurie</b> Basic Physics of MRI and Research on Fast Field-Cycling MRI	<b>Matthias Ernst</b> Residual Line Width in MAS Solid-State NMR	<b>Jadwiga Tritt-Goc</b> NMR studies of solid cellulose-based proton conductors
1.20-2.00	5.20-6.00	4.20-5.00	13.50-14.30	10.20-11.00	<b>Julia Krug</b> The higher, the better?! The promises and perks of ultra-high field MRI at 22.3 T	<b>Olivier Lafon</b> Solid-state NMR of quadrupolar nuclei and their neighbors	<b>Wiktoria Koźmiński</b> High dimensionality and high resolution NMR experiments for biomolecules
2.00-2.40	6.00-6.40	5.00-5.40	14.30-15.10	11.00-11.40	<b>Daniel Topgaard</b> Diffusion-relaxation correlation MRI	<b>Janez Dolinšek</b> High-entropy alloys	<b>Fabien Ferrage</b> Exploring scalar couplings and chemical exchange from low to ultra-high fields
3.00-4.00	7.00-8.00	6.00-7.00	15.30-16.30	12:00-13.00	<i>Poster Session</i>		<i>Break</i>
4.00-5.00	8.00-9.00	7.00-8.00	16.30-17.30	13.00-14.00	<i>Lunch</i>		
5.00-5.40	9.00-9.40	8.00-8.40	17.30-18.10	14.00-14.40	<b>Anton Duchowny</b> NMR Studies of Complex Samples Using Compact Instruments	<b>Michał Bielejewski</b> The kinetics of proton transport and thermal processes in anhydrous nanocomposite proton conductor based on cellulose	<b>Esteban Anardo</b> Field-Cycling MRI relaxometry
5.40-6.20	9.40-10.20	8.40-9.20	18.10-18.50	14.40-15.20	<b>Janez Stepišnik</b> Insight into the details of molecular translation dynamics in liquids by NMR gradient spin echo method	<b>Claudia Schmidt</b> NMR studies of polymer gel electrolytes	<b>Danuta Kruk</b> Molecular dynamics by means of NMR relaxometry
6.20-7.00	10.20-11.10	9.20-10.00	18.50-19.30	15.20-16.00	<b>Ville-Veikko Telkki</b> Ultrafast multidimensional relaxation and diffusion measurements	<b>Vladimir Chizhik</b> Conformational and aggregation behavior of some surfactants in aqueous solutions by 1H and 13C NMR	<b>Kay Saalwaechter</b> Proton low-field NMR for the study of (bio)macromolecular dynamics or: understanding 1H T2
7.00-7.40	11.00-11.40	10.00-10.40	19.30-20.10	16.00-16.40	<b>Siegfried Stapf</b> Measuring NMR relaxation times – What can possibly go wrong ?	<b>Anja Böckmann</b> Carbon- and proton-detected solid-state NMR sequential assignments and applications to fibrils and membrane proteins	<b>Alex MacKay</b> Are Relaxation Times Useful in Medicine?
							CONFERENCE CLOSING