

10th European Solid-State NMR School, München, 20-24.10.2025

Location: Technical University Munich, Institute of Advanced Studies (IAS),
Lichtenbergstr. 2a, 85747 Garching, Germany

Web: <https://www.bio.nat.tum.de/ocb/upcoming-events/european-solid-state-nmr-school/>

Preliminary Program

Monday, 20.10.		
8:30	Registration start	
09:00-10:30	Session 1: The Hamilton Operator	Thomas Wiegand, RWTH Aachen, Germany
10:30-11:00	Coffee Break	
11:00-12:30	Session 2: Time dependent Hamiltonians	Albert Smith-Penzel, University Leipzig, Germany
12:30-13:30	Lunch break	
13:30-15:00	Session 3: Dipolar Recoupling	Niels Chr. Nielsen, Aarhus University, Denmark
15:00-15:30	Coffee Break	
15:30-17:00	Session 4: Practical: Average Hamiltonians	Matthias Ernst, ETH Zurich, Switzerland (+ T. Wiegand, RWTH Aachen, Germany; Albert A. Smith-Penzel, University Leipzig, Germany; Niels Chr. Nielsen, Aarhus University, Denmark)
17:15-18:45	Session 5: Flash talks	all participants (intro round, 2-3 min per talk)
19:00-20:30	Welcome reception	

Tuesday, 21.10.		
09:00-10:30	Session 6: 1H/Fast, 13C and 1H assignments	Rasmus Linser, Technische Universität Dortmund, Germany
10:30-11:00	Coffee Break	
11:00-12:30	Session 7: Principles of Dynamics	Bernd Reif, Technical University of Munich, Germany
12:30-13:30	Lunch break	
13:30-15:00	Session 8: DNP: Principles and Practice	Björn Corzilius, Universität Rostock, Germany
15:00-15:30	Coffee Break	
15:30-17:00	Session 9: Simulation and Software	Thomas Vosegaard, Aarhus University, Denmark / Zdeněk Tošner, Charles University Prague, Czech Republic
17:15-18:45	Session 10: Practical: Simulations	Thomas Vosegaard, Aarhus University, Denmark / Zdeněk Tošner, Charles University Prague, Czech Republic
19:00-20:30	Poster Session and Snacks	

Wednesday, 22.10.		
08:30-10:00	Session 11: Quantification of Dynamics	Paul Schanda, IST Klosterneuburg / Benjamin Tatman, IST Klosterneuburg
10:00- 10:30	Coffee Break	
10:30-11:15	Session 12 (45 min): Pulse sequence Library	Paul Schanda, IST Klosterneuburg / Benjamin Tatman, IST Klosterneuburg, Austria
11:15-12:30	Session 13: Exercise on dynamics	Albert Smith-Penzel, University Leipzig, Germany / Benjamin Tatman, IST Klosterneuburg, Austria
12:30-13:30	Lunch break	
13:30-15:00	Session 14: Sample preparation	Anja Böckmann, CNRS Lyon, France
15:00-15:30	Coffee Break	
15:30-18:00	Session 15: Introduction to CCPN Session 16: Practical - CCPN	Victoria A. Higman, Leicester University, UK
18:15-18:45	Session 17: Intro talks from the industrial participants	
19:00-20:30	Poster Session and Snacks	

Thursday, 23.10.		
09:00-10:30	Session 18: NMR of paramagnetic systems	Guido Pintacuda, University of Lyon, France
10:30-11:00	Coffee Break	
11:00-12:30	Session 19: NMR instrumentation	Guinevere Mathies, University Konstanz, Germany
12:30-13:30	Lunch break	
13:30-15:00	Session 20: Solid-State NMR Spectroscopy of Quadrupolar Nuclides	Robert W. Schurko, Florida State University, USA
15:00-15:30	Coffee Break	
15:30-17:00	Session 21: Automated Assignment and Structure	Piotr Klukowski, ETH Zurich, Switzerland
17:15-18:45	Session 22 (via Zoom): Structure Calculation (ARIA)	Benjamin Bardiaux, Institut Pasteur Paris, France
19:00-20:30	Conference Dinner	
Friday, 24.10.		
09:00-10:30	Session 23: Solid State NMR and Drug Discovery	Markus Weingarth, Utrecht University, The Netherlands
10:30-11:00	Coffee Break	
11:00-12:30	Session 24: The future of biological solid-state NMR	Hartmut Oschkinat, FMP Berlin, Germany (with open discussion)