

Preliminary Program for the AMPERE Biological Solid-State NMR School 2020, October 4-9

	Sunday Bodega La Rambla	Monday UIB	Tuesday UIB	Wednesday UIB	Thursday UIB	Friday UIB
9:30-10:15		20 Years of High-Res solid-state NMR – and the next 20 A. Böckmann/ H. Oschkinat	Decoupling and Recoupling Under MAS M. Ernst	EPR Introduction for NMR Spectroscopists E. Bordignon	Numerical Simulations: Introduction and Practicals T. Vosegaard	Hybrid Methods B. Meier
10:15-11:00		Quantum Mechanics B. Meier	Homo- and Heteronuclear Mixing: CP, C-C, C-N, H-C T. Vosegaard	DNP MAS NMR Spectroscopy R. G. Griffin	Numerical Simulations Practicals. TV/ME	Cryo EM N.N.
11:00-11:30		Coffee				
11:30-12:15		Anisotropic Interactions B. H. Meier	Monday Practicals, Continued	DNP MAS NMR Spectroscopy R. G. Griffin/H. Oschkinat	Introduction to Assignments Techniques A. Böckmann	EPR and NMR E. Bordignon
12:15-13:00		MAS & Time-Dependent Hamiltonians M. Ernst	Sample Preparation and Isotope Labelling H. Oschkinat	EPR and DNP practicals EB/HO/RGG	CCPN. HO/AB	Question hour and closing remarks
13:00-14:30		Lunch				
14:30-15:15		Quantum Mechanics Practicals. BM/ME	Detecting Protons and Very Fast MAS B. Reif	Free afternoon	From Spectra to Structure M. Baldus	
15:15-16:00		Anisotropic Interactions Practicals. BM/ME	Isotope Labelling Practicals HO/AB/BR		From Spectra to Structure Practicals. AB/BM	
16:00-16:30		Coffee			Coffee	
16:30-17:15		MAS & Time-Dependent Hamiltonians Practicals. ME/BM	NMR Hardware N.N (S. Wegner)		From Spectra to Structure Practicals. AB/BM	
17:15-18:00		Question Hour and Discussion of Exercises	Question Hour and Discussion of Exercises		Characterizing Dynamics in Biomolecules B. Reif	
18:00-19:30	starting around 7pm Opening & Conference Dinner		Apéro and Posters		Apéro and Posters	