

Aktuelle Anwendungen der EPR-Spektroskopie

WS 21/22

Datum	Name	Topic
27.10.	Thomas Prisner	Overview Projects AK Prisner
03.11.	Burkhard Endeward	Overview Status Instrumentation AK Prisner
	Vasyl Denysenkov	Features of our high-field EPR/DNP spectrometers
10.11.	Paul Trenkler	Shaped pulses for coherence transfer and avoiding dynamic phase shifts
	Marko Mitrovic	Bloch vector simulations of different pulse sequences
17.11.	Benesh Joseph	Overview Projects AK Joseph
24.11.	Alex Chubarov	Nitroxyl and Trityl Radicals for protein complexes investigation and magnetic resonance imaging
01.12.	Deniz Sezer	Molecular modeling of DNP
08.12.	Burkhard Endeward	Long range distance determination on fully deuterated RNA
15.12.	Michael Rudolph	Nitroxide-Mn ²⁺ PELDOR spectroscopy in a heterodimeric ABC exporter
12.01.	Andrei Kuzhelev	Liquid state DNP using BDPA and triarylmethyl radicals at 9.4 T
19.01.	Aathira Gopinath	Conformational dynamics of BamA in native lipid bilayer investigated by PELDOR spectroscopy
26.01.	Danhua Dai	Overhauser DNP at 9.4. T
02.02.	Sophie Keller	In-situ PELDOR spectroscopy on a membrane transporter protein complex using maleimide functionalized orthogonal labels
09.02.	Maximilian Gauger	Orientation-selective PELDOR on RNA motives
16.02.	Marina Dajka	Pulsed ESR Spectroscopy of the Lipopolysaccharide Transporter

Zeit: mittwochs, 12:00-13:00, Raum: N100/015

Verantwortlich: Prof. Thomas Prisner (prisner@chemie.uni-frankfurt.de)