

# Aktuelle Anwendungen der EPR-Spektroskopie und Festkörper-DNP

## Sommersemester 2019

Datum	Name	Topic
24.04.	Burkhard Endeward	PulseSPEL and other means of controlling Xepx experiments
	Niels Oehlmann	Synthesis of modern Nitroxide spinlabel
08.05.	Torben Saßmannshausen	Methodische Untersuchungen des SIFTER-Experiments
	Kosta Stamatakis	Determination of the relative orientation of Cspin in nucleic acid with PELDOR
15.05.	Jörg Heiliger	Site-specific DNP in a Gd(III)-labeled protein
22.05.	Philipp Hartmann	Speeding up the acquisition of PELDOR time traces using non-uniform sampling (NUS)
29.05.	Ivan Krstić, Elsevier	What you need is...access to relevant information
	Max Gauger	Effect of iron complexes on relaxation under DNP conditions
05.06.	Paul Trenkler	Methyl-dynamics of biological ligands using SCREAM-DNP
	Sooan Park	Optimization of the relaxation times for samples prepared in highly concentrated protein solutions
12.06.	Alberto Collauto	CW-EPR investigation of Fe-S clusters in Complex I
19.06.	Frauke Breitgoff, ETH Zürich	tba
03.07.	Victoria Aladin	DNP in RNPs & Acellular vs. Cellular Bones
10.07.	Katja Barth	Temperature dependence of the conformational equilibrium of the heterodimeric ABC exporter TmrAB observed with PELDOR
	Matthias Becker	Orientierungs-selektive PELDOR Experimente an einem Tetramethylrhodamin-aptamer
17.07.	Monu Kaushik, ENS Lyon	tba

Zeit: 11:30 Uhr

Ort: Seminarraum N140/207

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