

# Aktuelle Anwendungen der EPR- Spektroskopie

*Sommersemester 2015*

Datum	Name	Topic
15.04.	J. Lopez	Introduction to LOGS
22.04.	T. Prisner	Introduction to Spin Relaxation
29.04.	J. Plackmeyer	Radicals, pt. II
06.05.	B. Endeward	LOGS for EPR
13.05.	B. Corzilius	Introduction to Solid-State DNP
20.05.	T. Bahrenberg	Expression, Synthesis and EPR/NMR-Characterization of Gd-chelated Ubiquitin-Mutants for their Application in Dynamic Nuclear Polarization (DNP)
27.05.	A. Bowen	Investigating multi-spin systems with a single frequency technique for refocusing dipolar couplings (SIFTER) and broadband pulses.
03.06.	T. Hetzke	Investigation of the Mn(II) coordination sphere by pulsed hyperfine EPR spectroscopy
10.06.	P. Schoeps	Out-of-phase PELDOR
17.06.	M. Kaushik	Gd(III) DOTA as polarizing agent at high field: Solid Effect vs Cross Effect Dynamic Nuclear Polarization
24.06.	D. Schütz	Conformational flexibility of POTRA domains from cyanobacterial Omp85 studied by PELDOR spectroscopy
01.07.	K. Barth	Conformational dynamics of TmrAB by PELDOR
08.07.	no seminar	EUROMAR
15.07.	D. Richter	Investigation of proteins with endogenously bound Gd <sup>3+</sup> for dynamic nuclear polarization (DNP)

Zeit: 11:30 Uhr  
Ort: Seminarraum N140/107

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