

New Applications and Methods of EPR and DNP – WS 2023/24

Date	Name	Topic
25.10.	Marina Dajka	Dipolar Electron Spin Resonance Spectroscopy of the Lipopolysaccharide ABC Transporter LptB ₂ FG
01.11.	Thomas Prisner	Hahn Echo Revisited
08.11.	Deniz Sezer	Bloch equations - a few useful generalizations
15.11.	Bulat Gizatullin	Dynamics in ionic liquids studied with nuclear magnetic relaxation and dynamic nuclear polarization
22.11.	Danhua Dai	Dynamic Nuclear Polarization in Liquids at 9.4 T
29.11.	Jacke McGuire	Dynamic Ligand Field Theory for spin-X couplings. The Trigonal Case of [V(mnt) ₃] ²⁻
06.12.	Lorenzo Tesi	THz Plasmonic Metasurfaces for the Study of Magnetic Thin Films
13.12.	Matthias Bretschneider	Progress report: Spin counting in EPR using PELDOR spectroscopy
20.12.	tba	
17.01.	Max Gauger	Modelling the structural ensemble of the TMR-3 aptamer with NMR and EPR spectroscopy
24.01.	Vasyl Denysenkov	New resonators for Q-band EPR
31.01.	Andrei Kuzhelev	Solid-effect DNP: from viscous liquid to water solution
07.02.	Paul Trenkler	Shaped pulses in EPR

On Wednesdays, 12:00-13:00, room: N140/4

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