

### Dr. Kerstin Münnemann

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- derzeit        Leader of the NMR core facility in the Laboratory for Advanced Spin Engineering (LASE) at the University of Kaiserslautern
- seit 2016     Research group leader, Laboratory of Engineering Thermodynamics, RPTU Kaiserslautern
- 2008 - 2016   Research group leader, Max Planck Institute for Polymer Research, Mainz
- 2006 - 2009   Postdoc, Mainz University, Medical School, Section of Medical Physics
- 2005         Ph.D, RWTH Aachen (advisor: B. Blümich)
- 2002 - 2006   Research Associate, RWTH Aachen (advisor: B. Blümich)
- 2002         Diploma in Chemistry, RWTH Aachen University

### Forschungsschwerpunkte

- Hyperpolarisation
- Dynamic Nuclear Polarisation
- Parahydrogen Induced Polarisation
- Long-lived spin states
- NMR for reaction and process monitoring

### Auszeichnungen und Gremientätigkeiten

- 2021 - Stifterverband Science Award - Erwin Schrödinger Prize
- 2018 - Head of the symposium "Quantitative NMR Methods for Reaction and Process Monitoring"
- 2011-2015 - German delegate for the management committee of the European COST action "European Network for Hyperpolarization Physics and Methodology in NMR and MRI"