

# Contributed Talks

Session I	Monday	16:00 – 17.15
	<ol style="list-style-type: none"><li>(1) <b>Jacqueline Deichmüller</b>, Ruhr-Universität Bochum, <i>Light Induced Magnetization sensed by Magnetic Resonance Force Microscopy</i></li><li>(2) <b>Martin Spitzbarth</b>, University of Konstanz, <i>A time resolved EPR imaging method to investigate molecular diffusion inside functionalized porous hosts</i></li><li>(3) <b>Dominik Irber</b>, TU München, <i>Towards Single-Molecule EPR Detected with a Single Electron Spin in Diamond</i></li><li>(4) <b>Stephan Pribitzer</b>, ETH Zürich, <i>A New Experiment to Correlate Dipolar Frequencies in Molecules with Three Paramagnetic Centers - TRIER</i></li><li>(5) <b>Nikolai Bunzmann</b>, University Wuerzburg, <i>Investigation of spin states in organic light emitting diodes based on thermally activated delayed fluorescence via magnetic resonance techniques</i></li></ol>	
Session II	Tuesday	09:15 – 10.30
	<ol style="list-style-type: none"><li>(6) <b>Timur Biktagirov</b>, University of Paderborn, <i>DFT Calculations for Paramagnetic Centers in Solids: Progress and Challenges</i></li><li>(7) <b>Daria Dymnikova</b>, Free University of Berlin, <i>Simulation of Charge Transfer State Spectra</i></li><li>(8) <b>Muhandis Shiddiq</b>, TU Dortmund, <i>Microresonators for High-Frequency Optically-Detected Magnetic Resonance</i></li><li>(9) <b>Hendrik Ronneburg</b>, Freie Universität Berlin, <i>Using Electrically Detected Magnetic Resonance (EDMR) to Characterize Defects on Well-Defined Semiconductor Surfaces Under Ultra-High Vacuum Conditions</i></li></ol>	
Session III	Tuesday	11:00 – 12:00
	<ol style="list-style-type: none"><li>(10) <b>Shannon Bonke</b>, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, <i>Structural Characterisation of Solar Fuels Catalysts with EPR and in situ Electrochemistry</i></li><li>(11) <b>Dominik Bloos</b>, University of Stuttgart, <i>Application of Microwave Spectroscopy on Electron Transport of Solid State Materials</i></li><li>(12) <b>Oleksii Laguta</b>, University of Stuttgart, <i>Magneto-optical investigations of Bi-doped silica glass</i></li><li>(13) <b>Bastian Kern</b>, Max Planck Institute for Solid State Research, <i>Measuring the spin-spin interaction on few doubly labeled polypeptides using NV-centers in diamonds</i></li></ol>	

<b>Session IV</b>	<b>Tuesday</b>	<b>13:00 – 14.00</b>
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- (14) **Heiko Bamberger**, University of Stuttgart, *Magnetic and Spectroscopic Investigation of Iron Extraction from Soils by the Siderophore Desferrioxamine B*
- (15) **Samuel Lenz**, University of Stuttgart, *Pulsed EPR Measurements on Thin Films*
- (16) **Anastasiia Kul'taeva**, Leipzig University, *Continuous Wave Single Crystal Electron Paramagnetic Resonance of Cupric Ions in the Isostructural Elastic Layer-Structured Metal-Organic Framework ELM-11*
- (17) **Johann Egger**, FU Berlin, *Identifying Triplet Exciton Generation Pathways with Transient Electron Paramagnetic Resonance Spectroscopy*

<b>Session V</b>	<b>Tuesday</b>	<b>16:00 – 17.00</b>
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- (18) **Philipp Schöps**, Frankfurt, *Pushing SIFTER towards new application*
- (19) **Michael Auth**, University of Würzburg, *Electron Affinity and Charge Trapping in Ternary Fullerene-Based Donor:Acceptor Films for Organic Photovoltaics*
- (20) **Michal Kern**, University of Stuttgart, *Integration of Molecular Quantum Bits with Semiconductor Spintronics*
- (21) **Andreas Berndhäuser**, University of Bonn, *EPR Distance Measurements on Trityl Radicals*

<b>Session VI</b>	<b>Wednesday</b>	<b>09:15 – 11.30</b>
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- (22) **Saurabh Kumar**, Singh, Max-Planck Institute for Chemical Energy Conversion, *Covalency and Chemical Bonding in Transition Metal Complexes: An ab Initio Based Ligand Field Perspective*
- (23) **Henrik Hintz**, Universität Bielefeld, *Orthogonally Spin-Labelled Compounds for EPR-Based Distance Measurements*
- (24) **Azar Aliabadi**, Helmholtz-Zentrum Berlin, *Very High Frequency and Field EPR Detection using Arrays of Split-Ring-Resonators*