



## Center for Integrated Quantum Science and Technology

### IQ<sup>ST</sup> Day Program | October 11<sup>th</sup>, 2017

Ulm University, Main Entrance South, O25 Lecture Hall 4/5

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| <b>9:15</b>  | Reception and Poster Set-up  |
| <b>9:45</b>  | Welcome and overview of center activities<br>Representatives of the Funding Institutions and IQ <sup>ST</sup> Directors  |
| <b>10:15</b> | <b>Keynote Speaker</b><br><b>Nadav Katz:</b> Wiring up superconducting devices: Hybrids and meta-materials<br>Hebrew University of Jerusalem, The Racah Institute of Physics   |
| <b>11:30</b> | Catered Lunch  |
| <b>13:30</b> | <b>IQ<sup>ST</sup> Project Highlights Review</b><br><b>Tanja Weil:</b> Hyperpolarized Nano-diamonds as Molecular Imaging and Sensing Probes for MRI<br>Max Planck Institute Mainz and Ulm University<br><br><b>Maria Daghofer:</b> Quantum Magnetism in Materials with Strong Correlations and Spin-Orbit Coupling<br>University of Stuttgart<br><br><b>Johannes Schmidt:</b> Shotnoise Limited Optogalvanic Vapor Cell<br>University of Stuttgart |
| <b>14:45</b> | <b>Keynote Speaker</b><br><b>Svenja Knappe:</b> Imaging arrays with microfabricated optically-pumped magnetometers<br>QuSpin Inc. and the University of Colorado Boulder   |
| <b>16:00</b> | Poster Session   |
| <b>18:00</b> | Get-together: food and drinks  |
| <b>19:30</b> | End  |

A warm welcome to everyone interested! Please register on our website [www.iqst.org](http://www.iqst.org)

