



Industry Workshop

09.03.2022 – Kleines Theater Haar ([link](#))

Casinostr. 6 | 85540 Haar | Germany

5 min from attocube headquarters

10 min from S-Bahn Haar, 20min from downtown Munich



Optically addressable spins in solids represent a promising platform for quantum computing, quantum communication, and quantum sensing. To advance towards technological maturity, this path hinges on various developments such as advanced laser sources, integrated photonics, single photon detectors, cryogenics, and nanopositioning, to name just a few. Within the transition from basic research to the first demonstrators, the need for next-generation instrumentation on the research side, and the interest to engage in and shape an emerging field on the industry side, motivate close interactions between the two domains. This workshop shall bring together scientists and industrial actors to share their views, discuss progress, and identify challenges and opportunities in this rapidly developing field.



Agenda

08:45	<i>Get Together</i>
09:00	David Hunger (KIT)
09:30	Andreas Walther (Lund University)
10:00	Khaled Karrai (attocube)
10:30	<i>Coffee break</i>
11:00	Thomas Hümmer (Qlibri)
11:30	Marcel Schrodin (Qinu)
12:00	Niccolo Somaschi (Quandela)
12:30	<i>Lunch</i>
14:00	Jessie Qin-Dregely / Val Zwiller (Single Quantum)
14:30	Perrine Berger (THALES)
15:00	Stephan Ritter (Toptica)
15:30	Conclusion
15:40	<i>Coffee Break</i>

Registration: <https://square.phy.kit.edu/173.php>

Covid rules: [Munich Travel](#)