



Science meets Industry | Quantum Computing  
October 21, 2021

<p>9:00 – 10:00 am</p>	<p>Block 1: The Quantum-Ecosystem in Baden-Württemberg</p> <p>Quantum Computing in Baden-Württemberg, 20 min <i>Dr. Christian Tutschku (tbc), Competence Center Quantum Computing Baden-Württemberg</i></p> <p>Quantum Computing in industry, 20 min <i>Dr. rer. nat. Dr. h.c. Heike Riel, Head Science &amp; Technology, Lead IBM Research Quantum Europe &amp; Africa, IBM Fellow</i></p> <p>Q&amp;A Session</p>
<p>11:00 am– 12:30 noon</p>	<p>Block 2: Business Cases from the German Southwest</p> <p>SEQUOIA <i>N.N. (tbc) Competence Center Quantum Computing Baden-Württemberg</i></p> <p><i>HQS Quantum Simulations</i> <i>Michael Marthaler, CEO &amp; Co-Founder,</i></p> <p>The quantum computing initiative of DLR <i>Prof. Dr. Wolfgang Schleich, Acting Director German Aerospace Center (DLR) / Institute of Quantum Technologies Ulm</i></p> <p>Manufacturing Optimization using QCs <i>Frederick Struckmeier, Lead Engineer Quantum Applications, TRUMPF Werkzeugmaschinen GmbH + Co. KG</i></p> <p>Q&amp;A Session</p>



<p>2:00 – 3:30 pm</p>	<p>Block 3: Post-Quantum Cryptography – Info Session</p> <p>Vorgaben an und Entwicklung von Kryptoverfahren Dr. Stavros Kousidis, <i>Bundesamt für Sicherheit in der Informationstechnik</i></p> <p>Post-Quantum Cryptography - An overview of PQC and the impact on cryptographic applications Richard Petri, <i>Research Assistant at Fraunhofer Institute for Secure Information Technology</i></p> <p>Hardware-based Post-Quantum safe solutions for today and tomorrow Dr. José M. Brito, <i>Co-founder and Scientific Director, GoQuantum</i></p> <p><i>Competence Center Quantum Computing Baden-Württemberg (tbc)</i></p>
<p>4:00 – 5:30pm</p>	<p>Block 4: Business Cases worldwide</p> <p>France: Georges-Olivier Reymond, <i>CEO and Founder, Pasqal</i></p> <p>Finland: How an International Quantum-Computer Company Rose from the North and What Are They Doing? Mikko Möttönen, <i>Co-Founder and Chief Scientist, IQM</i></p> <p>Israel: Are you ready for 1000 qubits? Yuval Boger, <i>Chief Marketing Officer, Classiq</i></p> <p>Denmark: The Quantum Research and Innovation Ecosystem in Denmark Ulrik Kjølseen Olsen, <i>Research and Innovation Attaché &amp; Consul, Innovation Centre Denmark - Munich</i></p>

Subject to change, September 15, 2021