

## PDI Online Colloquium

Fall 2021

### Quantum Physics and Quantum Technologies

27 September	15.00	Prof. Dr. Elke Neu-Ruffing	AG Neu-Ruffing, TU Kaiserslautern <i>Quantum Sensors based on point defects in solids</i> <a href="https://www.physik.uni-kl.de/en/neuruffing/">https://www.physik.uni-kl.de/en/neuruffing/</a>
25 October	15.00	Prof. Dr. Oliver Benson	Nanooptik AG, Humboldt Universität zu Berlin <i>Hybrid Quantum Technology Based on Quantum Emitters in Condensed Phase</i> <a href="https://www.physik.hu-berlin.de/de/nano">https://www.physik.hu-berlin.de/de/nano</a>
8 November	15.00	Dr. Eleni Diamanti	Quantum Information Team, Laboratoire d'Informatique de Sorbonne Université Paris Centre for Quantum Computing <i>Secure communications in quantum networks</i> <a href="http://www-soc.lip6.fr/~ediamanti/index.html">http://www-soc.lip6.fr/~ediamanti/index.html</a>
22 November	15.00	Prof. Dr. Tobias Kippenberg	Laboratory of Photonics and Quantum Measurements, EPFL Lausanne, CH <a href="https://www.epfl.ch/labs/k-lab/">https://www.epfl.ch/labs/k-lab/</a>
6 December	17.00	Prof. Dr. Thomas Ihn	Ensslin Nanophysics Group, ETH Zürich, CH <i>Few-electron graphene quantum dots</i> <a href="https://nano.phys.ethz.ch/">https://nano.phys.ethz.ch/</a>

To register for this colloquium, please send an e-mail to [event@pdi-berlin.de](mailto:event@pdi-berlin.de) with the subject-line *PDI Quantum Colloquium*