



Presentation of the thesis topics and research groups: 17.01.2023

Institute: Experimental Physics

<i>Time</i>	<i>Research Group</i>	<i>Speaker</i>
15:05 – 15:15	Organizational aspects of theses / StV-Physik	Philipp Hell & Sarah Keiler
15:15 – 15:23	Photonics / Gregor Weihs	Vikas Remesh
15:23 – 15:31	Quantum Information Processing with Trapped Ions / Thomas Monz, Martin Ringbauer, Philipp Schindler	Martin Ringbauer
15:31 – 15:39	Quantum Optics and Spectroscopy / Christian Roos	Christian Roos
15:39 – 15:47	Distributed quantum systems / Benjamin Lanyon	Benjamin Lanyon
15:47 – 15:55	Quantum Light-Matter Interfaces / Tracy Northup	Tracy Northup
15:55 – 16:03	Dipolar Quantum Gases / Francesca Ferlaino	Manfred Mark
16:03 – 16:11	Strongly Correlated Quantum Matter / Hanns-Christoph Nägerl	Manuele Landini
16:11 – 16:19	Superconducting Quantum Circuits / Gerhard Kirchmair	Teresa Hönigl- Decrinis
16:19 – 17:00	Discussion Experimental Physics	

The most important information:

- Overview page and slides: <https://stv-physik.at/bachelor-und-masterarbeitsthemen-2024/> or <https://stv-physik.at/bachelors-and-masters-thesis-topics-2024>
- Institute webpage on teaching: <https://www.uibk.ac.at/exphys/bachelorarbeiten.html.de>
- LFU entry of the institute: [704161 SE Seminar with Bachelor's Thesis](https://www.uibk.ac.at/704161-SE-Seminar-with-Bachelor's-Thesis)
- Webpage of the institute research: <https://www.uibk.ac.at/exphys/>
- Webpage of the Science Center Physics: <https://www.uibk.ac.at/sp-physik/>