

Presentation of the thesis topics and research groups

Innsbruck, 08th January 2024

Institut for Theoretical Physics

Information on today's procedure

- Short wrap up of organizational information
- Research groups introduce themselves
- Q&A session where you can talk to the research groups and ask various questions

Information on the Bachelor's thesis

- Get an overview and find your topic
- Contact desired supervisor
- Registration for the course in LFU:online
- Bachelor thesis presentation in the seminar
- Submission in the seminar
- One grade, whole module accounts for 10 ECTS

Information on the Master's thesis

- Get an overview, find your topic and contact desired supervisor
- Critical Research Analysis (22,5 ECTS)
 - PJ Research Study (12,5 ECTS)
 - SE Research Seminar (5 ECTS) and VU Research Analysis (5 ECTS)
- Master's thesis preparation (2.5 ECTS)
- Master's thesis (27,5 ECTS)
- Defense of the Master's thesis (2.5 ECTS)
- (Additional Courses)

Institut for Theoretical Physics

Head: Prof. Helmut Ritsch

Speaker: Dr. Laurin Ostermann

Research field: Cavity Quantum Electrodynamics

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Head: Prof. Thomas Franosch

Speaker: Dr. Michele Caraglio

Research field: Bio and Nano Physics

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Head: Prof. Hannes Pichler

Speaker: Dr. Robert Ott

Research field: Many-Body Quantum Optics

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Head: Prof. Hans J. Briegel

Speaker: Dr. Hendrik Poulsen Nautrup

Research field: Quantum Information & Computation

Absent today

- [Prof. Wolfgang Lechner / Quantum Optimization](#)
- [Dr. Thomas Lang / Quantum Condensed Matter Theory & Computational Physics](#)
- [Prof. Gemma de las Cuevas / Mathematical Quantum Physics](#) no BA this year, MA are offered on personal agreement
- [Prof. Oriol Romero-Isart / Quantum Nanophysics, Optics and Information](#) no BA this year, MA are offered on personal agreement

We wish you good talks and every
success with your thesis's!