

**Studientage des
Forschungsstudiengangs WS
22/23**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Analysis of Protein Interactions in High Concentration Solutions with Rapid Dilution Mass Photometry

Wednesday, 23 November 2022 16:45 (45 minutes)

Bachelor thesis project

Presenter: BRUNNER (PHY 5.0.20 + ZOOM), Carla

Session Classification: Session 2

Contribution ID: 2

Type: **not specified**

Speed of Decoherence in Spin Chains

Wednesday, 23 November 2022 15:30 (45 minutes)

Bachelor thesis project

Presenter: GASCHLER (PHY 5.0.21), Maximilian

Session Classification: Session 2

Contribution ID: 3

Type: **not specified**

Young Stellar Objects around Supernova Remnants in the Large Magellanic Cloud

Thursday, 24 November 2022 13:30 (45 minutes)

Bachelor thesis project

Presenter: JURK (PHY 5.0.20+ZOOM), Katharina

Session Classification: Session 4

Contribution ID: 4

Type: **not specified**

FERMION ENTANGLEMENT IN STATES OF LOOP QUANTUM GRAVITY

Thursday, 24 November 2022 14:15 (45 minutes)

Bachelor theiss project

Presenter: KOSSMANN (PHY 5.0.21+ZOOM), Lennard

Session Classification: Session 4

Contribution ID: 5

Type: **not specified**

Spektraltheorie von Dirac-Systemen

Wednesday, 23 November 2022 17:00 (45 minutes)

Bachelor thesis project

Presenter: MUMTAZ (PHY 5.0.21), Hanifah

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Numerical linked-cluster expansions for transverse-field Ising models

Wednesday, 23 November 2022 16:15 (45 minutes)

Bachelor thesis project

Presenter: PIRKE (PHY 5.0.21+ZOOM), Markus

Session Classification: Session 2

Contribution ID: 7

Type: **not specified**

Holographic entanglement entropy under splitting in AdS3/CFT2

Wednesday, 23 November 2022 15:30 (45 minutes)

Bachelor thesis project

Presenter: SEIDL (PHY 5.0.20), Clemens

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Quantum Hall critical phase at the surface of a topological insulator

Wednesday, 23 November 2022 16:15 (30 minutes)

Research project

Presenter: DIEPLINGER (PHY 5.0.20), Johannes

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

Analysis of SNR DEM L71 using eROSITA data

Thursday, 24 November 2022 15:00 (30 minutes)

Research project

Presenter: INZENHOFER (PHY 5.0.21+ZOOM), Tobias

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

Simulation of the impact of processing conditions on the perovskite film morphology

Thursday, 24 November 2022 13:30 (30 minutes)

Research project

Presenter: MAJEWSKI (PHY 5.0.21), Martin

Session Classification: Session 4

Contribution ID: 11

Type: **not specified**

Constraining-Weil-Petersson volumes by universal random matrix correlations in low dimensional quantum gravity

Thursday, 24 November 2022 15:00 (30 minutes)

Research project

Presenter: WEBER (PHY 5.0.20), Torsten

Session Classification: Session 4

Contribution ID: 12

Type: **not specified**

Computational methods for Optomagnonics

Thursday, 24 November 2022 10:00 (1 hour)

Phd thesis project

Presenter: GRAF (PHY 9.2.01), Jasmin

Session Classification: Session 3

Contribution ID: 13

Type: **not specified**

Tailoring and non-adiabatic control of record-strong light-matter coupling

Thursday, 24 November 2022 11:00 (1 hour)

Phd thesis project

Presenter: MORNHINWEG (PHY 9.2.01), Joshua

Session Classification: Session 3

Contribution ID: 14

Type: **not specified**

Rectifying Supercurrents in Semiconductor Weak Links

Wednesday, 23 November 2022 14:00 (1 hour)

Opening Talk

Presenter: STRUNK (PHY 9.2.01), Christoph

Session Classification: Session 1: PHY 9.2.01

Contribution ID: 15

Type: **not specified**

A particle conserving approach to AC-DC driven interacting quantum dots with superconducting leads

Thursday, 24 November 2022 14:15 (45 minutes)

Project

Presenter: SIEGL (PHY 5.0.20), Julian

Session Classification: Session 4