

Doctoral Seminar 2024

Report of Contributions

Contribution ID: 1

Type: **not specified**

Transport Dresden -> Pilsen

Monday 25 November 2024 08:45 (3h 45m)

Contribution ID: 2

Type: **not specified**

Registration and Lunch

Monday 25 November 2024 12:30 (1 hour)

Contribution ID: 3

Type: **not specified**

Dinner

Monday 25 November 2024 19:00 (1 hour)

Contribution ID: 4

Type: **not specified**

Departure

Wednesday 27 November 2024 15:00 (6 hours)

Contribution ID: 5

Type: **not specified**

Breakfast

Tuesday 26 November 2024 08:00 (1 hour)

Contribution ID: 6

Type: **not specified**

Breakfast

Wednesday 27 November 2024 08:30 (1 hour)

Contribution ID: 7

Type: **not specified**

Lunch

Tuesday 26 November 2024 12:00 (1 hour)

Contribution ID: 8

Type: **not specified**

Lunch

Wednesday 27 November 2024 13:00 (1 hour)

Contribution ID: 9

Type: **not specified**

Dinner

Tuesday 26 November 2024 18:30 (1 hour)

Contribution ID: 10

Type: **not specified**

Tracking the Behaviour and Recovery of Critical Elements (Bi, In, Sb and Te) in the Zn-Pb Ruwai Skarn Deposit Processing Plant, Kalimantan, Indonesia

Monday 25 November 2024 15:00 (15 minutes)

Presenter: FAIZY, Shelly Mardhia (FWG)

Session Classification: Scientific Talks

Contribution ID: 11

Type: **not specified**

Long-term normal tissue side effects of FLASH proton radiotherapy compared to conventional radiotherapy

Wednesday 27 November 2024 12:00 (15 minutes)

Presenter: BERNABEI, Manuel (FWK)

Session Classification: Scientific Talks

Contribution ID: 12

Type: **not specified**

Quantitative assessment of global future Lithium supply: Simulating mining projects and predicting production start times

Wednesday 27 November 2024 12:15 (15 minutes)

Presenter: BUARQUE ANDRADE, Laura (FWG)

Session Classification: Scientific Talks

Contribution ID: 13

Type: **not specified**

FLASH-radiotherapy research: A potential revolution in cancer treatment

Monday 25 November 2024 14:15 (15 minutes)

Presenter: SCHILZ, Joshua (FWK)

Session Classification: Scientific Talks

Contribution ID: 14

Type: **not specified**

Modifying Pharmacokinetics of Radiocopper Bispidine Complexes: Towards Increased Tumor Uptake of Their Conjugates

Monday 25 November 2024 14:00 (15 minutes)

Presenter: ANGER, Karl (FWP)

Session Classification: Scientific Talks

Contribution ID: 15

Type: **not specified**

The Role of Oxygen during FLASH irradiation of Zebrafish Embryos

Tuesday 26 November 2024 09:00 (15 minutes)

Presenter: GOVORUKHIN, Artem (FWK)

Session Classification: Scientific Talks

Contribution ID: 16

Type: **not specified**

Fast Multivariate Function Approximation in Downward Closed Polynomial Spaces

Wednesday 27 November 2024 11:30 (15 minutes)

Presenter: HOFMANN, Phil-Alexander (FWU)

Session Classification: Scientific Talks

Contribution ID: 17

Type: **not specified**

Investigations on Carbon Dioxide Sequestration through Wet Carbonation of Wollastonite

Wednesday 27 November 2024 11:45 (15 minutes)

Presenter: HOMAEE, Sahra (FWG)

Session Classification: Scientific Talks

Contribution ID: 18

Type: **not specified**

A model experiment for analysing the metal pad roll instability in reduction cells under ambient conditions

Tuesday 26 November 2024 09:45 (15 minutes)

Presenter: HEGDE, Pranav (Department of Magnetohydrodynamics, Institute of Fluid Dynamics, HZDR)

Session Classification: Scientific Talks

Contribution ID: **19**

Type: **not specified**

Interaction of Highly Charged Ions with Gas Targets

Tuesday 26 November 2024 09:15 (15 minutes)

Presenter: SHAJI NAIR, Anju (FWI)

Session Classification: Scientific Talks

Contribution ID: 20

Type: **not specified**

Comparative analysis of next-generation sequencing data from phage display experiments with inorganic target materials

Tuesday 26 November 2024 09:30 (15 minutes)

Presenter: BLOSS, Christoph (FWG)

Session Classification: Scientific Talks

Contribution ID: 21

Type: **not specified**

Positron annihilation spectroscopy: Characterization of defects in superconducting film

Monday 25 November 2024 15:15 (15 minutes)

Presenter: KLUG, Sebastian (FWK)

Session Classification: Scientific Talks

Contribution ID: 22

Type: **not specified**

A contribution to 3D bubble tracking

Tuesday 26 November 2024 10:00 (15 minutes)

Presenter: WANG, Lantian (FWD)

Session Classification: Scientific Talks

Contribution ID: 23

Type: **not specified**

Transforming martensite in NiTi within nanoseconds

Monday 25 November 2024 14:45 (15 minutes)

Presenter: NEUMANN, Bruno (FWI)

Session Classification: Scientific Talks

Contribution ID: 24

Type: **not specified**

In-situ moisture measurement in concrete structures of nuclear reactor buildings during decommissioning

Wednesday 27 November 2024 12:45 (15 minutes)

Presenter: NURJAHAN, Tanzila (FWD)

Session Classification: Scientific Talks

Contribution ID: 25

Type: **not specified**

Lithium recovery from battery recycling process water

Monday 25 November 2024 14:30 (15 minutes)

Presenter: SALCES, Aliza (FWG)

Session Classification: Scientific Talks

Contribution ID: 26

Type: **not specified**

Electronic microplate: A multimodal sensing platform for bioassay monitoring

Tuesday 26 November 2024 10:15 (15 minutes)

Presenter: NIEDER, Daniel (FWP)

Session Classification: Scientific Talks

Contribution ID: 27

Type: **not specified**

Ultrafast dynamics of Fe₃Sn₂

Wednesday 27 November 2024 12:30 (15 minutes)

Presenter: GONCALVES FARIA, Marcos Vinicius (FWI)

Session Classification: Scientific Talks