

VIPR annual meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

Arrival and registration

Monday, December 9, 2024 11:30 AM (1 hour)

Contribution ID: 3 Contribution code: T1

Type: **not specified**

Welcome address and VIPR overview

Monday, December 9, 2024 1:30 PM (20 minutes)

Presenters: GANEVA, Marina; HAEUSLER, Stefan

Session Classification: Problem statement & method development

Contribution ID: **10** Contribution code: **T3**

Type: **not specified**

Universität Siegen

Monday, December 9, 2024 2:10 PM (20 minutes)

Presenter: Dr ÖZTÜRK, Özgül (Universität Siegen)

Session Classification: Problem statement & method development

Contribution ID: **11** Contribution code: **T2**

Type: **not specified**

HZDR

Monday, December 9, 2024 1:50 PM (20 minutes)

Presenter: Dr KELLING, Jeffrey (HZDR)

Session Classification: Problem statement & method development

Contribution ID: 12 Contribution code: T4

Type: **not specified**

Use cases: MARIA reflectometer at MLZ

Monday, December 9, 2024 2:30 PM (20 minutes)

Presenter: Dr KOUTSIOUMPAS, Alexandros (FZJ)

Session Classification: Problem statement & method development

Contribution ID: 13 Contribution code: T6

Type: **not specified**

Update on Machine Learning-Supported Analysis of Time-Resolved 2D GISAXS Data

Monday, December 9, 2024 4:00 PM (20 minutes)

Presenter: Dr HEGER, Julian (TUM)

Session Classification: Problem statement & method development

Contribution ID: **14** Contribution code: **T7**

Type: **not specified**

VIPR @ DESY: Current status

Monday, December 9, 2024 4:20 PM (20 minutes)

Presenter: Prof. ROTH, Stephan (DESY)

Session Classification: Problem statement & method development

Contribution ID: 15 Contribution code: T10

Type: **not specified**

Physics informed ML for Scattering

Tuesday, December 10, 2024 11:00 AM (20 minutes)

Presenters: Dr HEXEMER, Alexander (Advanced Light Source LBNL); Dr CHAVEZ ESPARZA, Tanny Andrea (Advanced Light Source LBNL)

Session Classification: Development & deployment

Contribution ID: **16** Contribution code: **T12**

Type: **not specified**

Wrap up, road map and discussion

Tuesday, December 10, 2024 11:40 AM (50 minutes)

Presenters: GANEVA, Marina; HAEUSLER, Stefan

Session Classification: Development & deployment

Contribution ID: 17 Contribution code: T8

Type: **not specified**

Reflectorch: A machine learning application for reflectometry data analysis

Tuesday, December 10, 2024 9:30 AM (20 minutes)

Presenter: Dr HINDERHOFER, Alexander (Universität Tübingen)

Session Classification: Development & deployment

Contribution ID: **18** Contribution code: **T9**

Type: **not specified**

Current Developments of the VIPR Framework: Introducing cINN & Reflectorch Extension for Analysis of Reflectometry

Tuesday, December 10, 2024 9:50 AM (20 minutes)

Presenter: Dr CREUTZBURG, Sascha (Helm & Walter IT-Solutions)

Session Classification: Development & deployment

Contribution ID: **19** Contribution code: **T11**

Type: **not specified**

CMS open Data

Tuesday, December 10, 2024 11:20 AM (20 minutes)

Presenter: Dr KRÜCKER, Dirk (DESY)

Session Classification: Development & deployment

Contribution ID: **20** Contribution code: **T5**

Type: **not specified**

Lightning-Talk: Cloud infrastructure at MLZ

Monday, December 9, 2024 2:50 PM (5 minutes)

Presenter: FELDER, Christian (FZJ)

Session Classification: Problem statement & method development

Contribution ID: 21

Type: **not specified**

Round table: Cloud infrastructure at MLZ

Monday, December 9, 2024 7:01 PM (30 minutes)

Presenter: FELDER, Christian (FZJ)

Session Classification: Poster session & round table

Contribution ID: 23

Type: **not specified**

Poster session

Monday, December 9, 2024 7:00 PM (2 hours)

Session Classification: Poster session & round table

Contribution ID: 24

Type: **not specified**

Discussion

Monday, December 9, 2024 2:55 PM (35 minutes)

Session Classification: Problem statement & method development

Contribution ID: 25

Type: **not specified**

Discussion

Monday, December 9, 2024 4:40 PM (20 minutes)

Session Classification: Problem statement & method development

Contribution ID: 26

Type: **not specified**

Discussion

Tuesday, December 10, 2024 10:10 AM (20 minutes)

Session Classification: Development & deployment