

ErUM-Data Connect: Networking Day in Aachen

Report of Contributions

Contribution ID: 1

Type: **not specified**

User Interface (15' + 5')

Monday 10 June 2024 14:00 (20 minutes)

Presenter: RUHE, Tim (TU Dortmund)

Session Classification: DIG-UM Topic Groups

Contribution ID: 2

Type: **not specified**

Federated Infrastructures (15' + 5')

Monday 10 June 2024 14:20 (20 minutes)

Presenters: Dr SCHWARZ, Kilian (IT (IT Scientific Computing)); SCHWARZ, Kilian (GSI)

Session Classification: DIG-UM Topic Groups

Contribution ID: 3

Type: **not specified**

Big Data Analytics (15' + 5')

Monday 10 June 2024 14:40 (20 minutes)

Presenter: STEINHEIMER, Jan (FIAS)

Session Classification: DIG-UM Topic Groups

Contribution ID: 4

Type: **not specified**

Project Proposal: Sustainable Software

Monday 10 June 2024 11:55 (15 minutes)

Presenter: STEINHEIMER, Jan (FIAS)

Session Classification: DIG-UM Topic Groups

Contribution ID: 5

Type: **not specified**

Andreas Houben: Novel neutron TOF+volume detectors: neutron trajectory reconstruction and background suppression by multi-event correlation

Monday 10 June 2024 09:30 (5 minutes)

Presenter: Dr HOUBEN, Andreas (RWTH Aachen)

Session Classification: Short-Pitch Session

Contribution ID: 6

Type: **not specified**

Markus Osterhoff: FPGAs for Real-Time Tomography

Monday 10 June 2024 09:36 (5 minutes)

Presenter: OSTERHOFF, Markus (XFEL (XFEL))

Session Classification: Short-Pitch Session

Contribution ID: 7

Type: **not specified**

Zamaan Raza: Single crystal diffraction data reduction with OpenHKL

Monday 10 June 2024 09:42 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: 8

Type: **not specified**

Gözde Özden: The analysis of spretral data measured by PGNAA-system using machine learning algorithms

Monday 10 June 2024 09:48 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: 9

Type: **not specified**

David Knezevic: AI/ML for PGAA

Monday 10 June 2024 09:54 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: **10**

Type: **not specified**

Shubhayu Das: Machine Learning for Crystallography and XRAY / Neutron Diffraction

Monday 10 June 2024 10:00 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: **11**

Type: **not specified**

Stefan Sandfeld: Scientific Machine Learning and AI

Monday 10 June 2024 10:06 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: 12

Type: **not specified**

Veselina Kalinova: Machine learning applications: from light years to nanoscales

Monday 10 June 2024 10:12 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: **13**

Type: **not specified**

Marina Ganeva:

Monday 10 June 2024 11:36 (5 minutes)

Presenter: GANEVA, Marina (None)

Session Classification: Short-Pitch Session

Contribution ID: **14**

Type: **not specified**

Tim Ruhe:

Monday 10 June 2024 10:18 (5 minutes)

Presenter: RUHE, Tim (TU Dortmund)

Session Classification: Short-Pitch Session

Contribution ID: 15

Type: **not specified**

Philipp Mertsch:

Presenter: RUHE, Tim (TU Dortmund)

Session Classification: Short-Pitch Session

Contribution ID: 16

Type: **not specified**

Henrik Tünnermann: FLASH Data Hub: Optimizing Scientific Data Management and AI Integration

Monday 10 June 2024 11:00 (5 minutes)

Session Classification: Short-Pitch Session

Contribution ID: 17

Type: **not specified**

Kilian Schwarz: Algorithms and distributed storage

Monday 10 June 2024 11:06 (5 minutes)

Presenters: Dr SCHWARZ, Kilian (IT (IT Scientific Computing)); SCHWARZ, Kilian (GSI)

Session Classification: Short-Pitch Session

Contribution ID: **18**

Type: **not specified**

Harry Enke: Workflows for Analysis and Data need different infrastructure support

Monday 10 June 2024 11:18 (5 minutes)

Presenter: ENKE, Harry (AIP)

Session Classification: Short-Pitch Session

Contribution ID: 19

Type: **not specified**

Vadim Vybornov: Towards more structured long-term data archiving

Monday 10 June 2024 11:24 (5 minutes)

Presenters: STIELE, Holger; VYBORNOV, Vadim (Juelich Supercomputing Centre JSC)

Session Classification: Short-Pitch Session

Contribution ID: 20

Type: **not specified**

Holger Stiele: Towards more structured long-term data archiving

Presenter: STIELE, Holger

Session Classification: Short-Pitch Session

Contribution ID: 21

Type: **not specified**

Achim Stahl: Computing for future projects with the example of the Einstein Telescope

Monday 10 June 2024 11:30 (5 minutes)

Presenter: STAHL, Achim (RWTH Aachen University)

Session Classification: Short-Pitch Session

Contribution ID: 22

Type: **not specified**

Thomas Kreß: t.b.d. (Fed. Infrastructures)

Session Classification: Short-Pitch Session

Contribution ID: 23

Type: **not specified**

Markus Schumacher: Sustainable Federated Compute Infrastructure

Monday 10 June 2024 11:42 (5 minutes)

Presenter: SCHUMACHER, Markus (Albert-Ludwigs-Universität Freiburg)

Session Classification: Short-Pitch Session

Contribution ID: 24

Type: **not specified**

Christoph Wissing:

Monday 10 June 2024 11:12 (5 minutes)

Presenter: WISSING, Christoph (DESY)

Session Classification: Short-Pitch Session

Contribution ID: 25

Type: **not specified**

Research Data Management (15' + 5')

Monday 10 June 2024 12:10 (20 minutes)

Presenter: STEINRÜCK, Hans-Georg (FZ Jülich & RWTH Aachen)

Session Classification: DIG-UM Topic Groups