

**ZKI-Arbeitskreis
Supercomputing,
Herbsttreffen 2024**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Begrüßung

Tuesday 24 September 2024 13:00 (15 minutes)

Contribution ID: 2

Type: **not specified**

ZIM und HPC@UDE

Tuesday 24 September 2024 13:15 (30 minutes)

Presenters: BRANDS, Dominik (Universität Duisburg-Essen); Mr KERKEWITZ, Guido (ZIM - Universität Duisburg-Essen); Mr VETTER, Michael (ZIM - Universität Duisburg-Essen)

Contribution ID: 3

Type: **not specified**

HPC Project Management at GWDG

Tuesday 24 September 2024 13:45 (30 minutes)

High-Performance Computing (HPC) environments are increasingly being used by diverse groups of researchers and scientists, necessitating efficient HPC project management for the GWDG with these challenges: incorporating federated login, quota management, export control, accounting and a self-service mechanism for the HPC users. The system is designed to provision projects on different HPC clusters operated by the GWDG.

Presenters: KÖHLER, Christian (GWDG); BIERMANN, Johannes (GWDG)

Contribution ID: 4

Type: **not specified**

Jupyter-based services at Kiel University - from teaching to scientific computing

Tuesday 24 September 2024 15:30 (30 minutes)

Presenters: BALZER, Karsten (Christian-Albrechts-Universität zu Kiel); HÖFLICH, Katharina (Christian-Albrechts-Universität zu Kiel)

Contribution ID: 5

Type: **not specified**

Wie die Straßenbeleuchtung dem Supercomputer das Licht ausknipst

Tuesday 24 September 2024 16:00 (30 minutes)

Die Sensitivität von HPC-Komponenten in Bezug auf Steuersignale im Stromnetz

Presenter: GROSSÖHME, Peter (MEGWARE)

Contribution ID: 6

Type: **not specified**

Rechenzentrumsinfrastruktur an der UDE

Tuesday 24 September 2024 16:30 (15 minutes)

Presenters: BRANDS, Dominik (Universität Duisburg-Essen); Mr KERKEWITZ, Guido (Universität Duisburg-Essen); VETTER, Michael (Universität Duisburg-Essen)

Contribution ID: 7

Type: **not specified**

HPC Storage at GWDG

Wednesday 25 September 2024 10:00 (30 minutes)

Experience with different storage solutions over the last years and the future operational concept for the HPC storage to simplify operation and usage.

Presenter: KREY, Sebastian (GWDG)

Contribution ID: 8

Type: **not specified**

Jülich Storage Cluster (JUST)

Wednesday 25 September 2024 10:30 (30 minutes)

Presenter: EL SAYED, Salem (Juelich Supercomputing Centre)

Contribution ID: 9

Type: **not specified**

Velocity meets durability

Wednesday 25 September 2024 11:45 (30 minutes)

Panasas Parallel File System

Presenter: WINDLER, Juergen (VDURA)

Contribution ID: **10**

Type: **not specified**

Supercomputing propelling research in microbiology

Wednesday 25 September 2024 12:15 (45 minutes)

Presenter: Prof. PROBST, Alexander (Research Center One Health Ruhr, University Alliance Ruhr, Universität Duisburg-Essen)

Contribution ID: **11**

Type: **not specified**

Verabschiedung

Wednesday 25 September 2024 13:00 (15 minutes)

Contribution ID: 12

Type: **not specified**

Workspaces - Ein Werkzeug für Data Life Cycle Management

Tuesday 24 September 2024 14:15 (30 minutes)

Presenter: SCHROSCHK, Martin (Technische Universität Dresden)

Contribution ID: 14

Type: **not specified**

Bustransfer

Tuesday 24 September 2024 16:45 (30 minutes)

Start: NETZ-Gebäude

Ziel: Data-Center WZ

Session Classification: Transfer zum und Führung durch das Rechenzentrum

Contribution ID: 17

Type: **not specified**

Bustransfer

Tuesday 24 September 2024 18:30 (30 minutes)

Start: Data-Center WZ

Ziel: Duisburg Hbf

Session Classification: Transfer zum und Führung durch das Rechenzentrum

Contribution ID: **18**

Type: **not specified**

Besichtigung (in Gruppen) des Rechenzentrums

Tuesday 24 September 2024 17:15 (1h 15m)

Session Classification: Transfer zum und Führung durch das Rechenzentrum