

HIFIS Meeting 2020

Report of Contributions

Contribution ID: 4

Type: **not specified**

Reception

Wednesday, October 21, 2020 1:30 PM (10 minutes)

Reception and Overview of the programme

Session Classification: Administrative

Contribution ID: 5

Type: **not specified**

Welcome

Wednesday, October 21, 2020 1:40 PM (5 minutes)

Welcome address by HIFIS speaker V. Guelzow

Presenter: GUELZOW, Volker

Session Classification: Administrative

Contribution ID: 6

Type: **not specified**

HIFIS Status Quo and Roadmap

Wednesday, October 21, 2020 1:45 PM (20 minutes)

Uwe Jandt (HIFIS Office Coordinator) presents the status and roadmap of HIFIS, highlights some achievements and provides links to the detailed talks in the following sessions.

10 min presentation + 10 minutes discussion

Presenter: JANDT, Uwe (DESY)

Session Classification: Talks

Contribution ID: 7

Type: **not specified**

Overview of AAI in Helmholtz

Wednesday, October 21, 2020 2:05 PM (25 minutes)

We present the structure of the Helmholtz AAI (Authentication and Authorization Infrastructure) and what the options are for service providers, including the login flow from a user's perspective.

15 min presentation + 10 minutes discussion

Presenters: APWEILER, Sander; WEISS, Ulrich; REPPIN, Johannes

Session Classification: Talks

Contribution ID: 8

Type: **not specified**

Helmholtz Cloud Service Selection Process

Wednesday, October 21, 2020 2:30 PM (20 minutes)

The service selection process has been worked out to efficiently identify the services which fulfill the selection criteria best and which should consequently be integrated into Helmholtz cloud first.

At the end of this process, 38 services offered by nine Helmholtz Centers were selected. Considering that some services are provided by several centers, the initial service portfolio includes 21 different services.

10 min presentation + 10 minutes discussion

Presenter: SCHOLLMAIER, Laura

Session Classification: Talks

Contribution ID: 9

Type: **not specified**

Helmholtz Cloud Services: Access and Integration Roadmap

Wednesday, October 21, 2020 3:05 PM (20 minutes)

The HIFIS cloud cluster presents the status and roadmap of the access infrastructure for the Helmholtz Cloud Services: Technical Platform, Service Integration and Administrative considerations. We will talk on pilot success stories and provide a roadmap for the integration of services.

10 min presentation + 10 minutes discussion

Presenter: KLOTZ, Andreas

Session Classification: Talks

Contribution ID: **10**

Type: **not specified**

Software Services: Education and Communities

Wednesday, October 21, 2020 3:25 PM (20 minutes)

HIFIS Software provides a status quo, lessons learned and a forecast on their work packages “communities” and “education & training”, as well as a brief overview on the HIFIS Software Survey 2020.

15 min presentation + 5 minutes discussion

Presenter: DOLLING, Maximilian

Session Classification: Talks

Contribution ID: 11

Type: **not specified**

Technical Presentations IV + Demos

Contribution ID: **12**

Type: **not specified**

Open VC

Thursday, October 22, 2020 12:00 PM (1 hour)

VC rooms and chats will remain open for ~1 h if any further discussion or meetings are desired.

Contribution ID: 13

Type: **not specified**

Helmholtz Backbone VPN

Thursday, October 22, 2020 9:05 AM (20 minutes)

An Overview of the planned Helmholtz Backbone (VPN) network infrastructure, the current implementation work and future steps will be given.

Presenter: OHRENBURG, Kars

Session Classification: Talks

Contribution ID: 14

Type: **not specified**

HIFIS Transfer Service: FTS for everyone

Thursday, October 22, 2020 9:25 AM (20 minutes)

Motivation, pilot implementation, roadmap and use cases for the HIFIS Data Transfer Service.

Presenter: WETZEL, Tim

Session Classification: Talks

Contribution ID: 15

Type: **not specified**

Software Services: Consulting and Technology Services

Thursday, October 22, 2020 9:45 AM (20 minutes)

Updates on HIFIS Software cluster consulting and technology services.

Presenter: ERXLEBEN, Fredo (Helmholtz-Zentrum Dresden-Rossendorf)

Session Classification: Talks

Contribution ID: 16

Type: **not specified**

Tracking and Ensuring Cloud Service Integration

Thursday, October 22, 2020 10:20 AM (20 minutes)

We give an update about the tracking and implementation of the Helmholtz Cloud service integration process.

5 minutes presentation + 10 minutes discussion.

Presenter: GIESLER, André

Session Classification: Talks

Contribution ID: 17

Type: **not specified**

Demonstration of Technical Platform

Thursday, October 22, 2020 11:20 AM (10 minutes)

5 minutes demo + 5 minutes discussion.

Presenter: ADAYEMI, Olufemi

Session Classification: Talks

Contribution ID: **18**

Type: **not specified**

Demonstration of Helmholtz Cloud Services

Thursday, October 22, 2020 10:40 AM (30 minutes)

Tour-de-Helmholtz demonstration of an exemplary use case, exploiting the seamless interaction of multiple services distributed over various centres of the Helmholtz Association. We will show-case the power of the central authentication and authorization infrastructure (AAI), as well as the possibility to connect dedicated services from multiple locations to an efficient and convenient workflow.

10-15 minutes demonstration + discussion

Presenter: SCHULZ, Janne

Session Classification: Talks

Contribution ID: 19

Type: **not specified**

Roadmap of technical platform

Thursday, October 22, 2020 11:10 AM (10 minutes)

In the light of the just demonstrated Helmholtz Cloud services, the development of the Cloud Technical Platform is briefly outlined.

approx. 5 minutes presentation + discussion

Presenter: MILLAR, Paul

Session Classification: Talks

Contribution ID: 20

Type: **not specified**

Addressing IT knowledge gaps

Wednesday, October 21, 2020 3:45 PM (30 minutes)

HIFIS's task is to provide seamless consultant and cloud services to domain scientists within and also outside Helmholtz. However, in many cases, scientists are not aware of - and more often have no incentive to dig into - best practices of software engineering and cloud services.

We'd like to get your ideas on addressing this "IT knowledge gap" to foster convergence of scientist's demands and IT services.

Presenter: JANDT, Uwe (DESY)

Session Classification: Open Topic Brainstorming

Contribution ID: 21

Type: **not specified**

How to promote HIFIS Services

Wednesday, October 21, 2020 3:45 PM (30 minutes)

This discussion session will deal with two main directions of promotion for HIFIS: Towards the scientific community as the main user base and towards decision-makers as impactful supporters for the HIFIS efforts.

Presenter: ERXLEBEN, Fredo (Helmholtz-Zentrum Dresden-Rossendorf)

Session Classification: Open Topic Brainstorming

Contribution ID: 22

Type: **not specified**

Sync&Share - GlobalScale

Wednesday, October 21, 2020 3:45 PM (30 minutes)

In this session, we'd like to collect ideas on how to implement a Helmholtz-wide distributed Sync&Share solution, e.g. using GlobalScale.

Presenter: KNOLL, Matthias

Session Classification: Open Topic Brainstorming

Contribution ID: 23

Type: **not specified**

Federated OpenStack - Future IaaS landscape

Wednesday, October 21, 2020 3:45 PM (30 minutes)

OpenStack offers many ways to build and run a common federated IaaS cloud. In the breakout session we would like to discuss possible concepts for a stronger connection of the OpenStack environments in HIFIS.

Presenter: SCHULZ, Janne

Session Classification: Open Topic Brainstorming

Contribution ID: 24

Type: **not specified**

User-oriented Cloud Portfolio

Wednesday, October 21, 2020 3:45 PM (30 minutes)

The service portfolio of the Helmholtz cloud is continuously being developed. In the future, the service selection will forster user's requirements and introduce processes and incentives to provide new services, if strong demand can be identified.

- How can a close contact to the user be achieved?
- Which processes would be conceivable?
- How to define weighting criteria that evaluate the benefit to the user?

Presenters: SPICKER, Annette (HZB); SCHOLLMAIER, Laura

Session Classification: Open Topic Brainstorming