Dagstuhl Seminar 24462

Research Infrastructures and Tools for Collaborative Networked Systems Research

- Arrival: Sunday, November 10, 2024
- Departure: Wednesday, November 13, 2024
- Seminar web page: http://www.dagstuhl.de/24462 (http://www.dagstuhl.de/24462)
- Schedule web page (may be updated during the seminar): https://hedgedoc.net.in.tum.de/s/1_2AAF7DM (https://hedgedoc.net.in.tum.de/s/1_2AAF7DM)

Agenda elements

- Short presentation of all participants

  - Two slides, two minutes maximum per participant "madness" session
  - A first slide is for presenting the participant
  - A second slide is to mention topics/questions the participants would like to discuss during the seminar
  - Participants are kindly requested to upload their two slides on the materials website, https://www.dagstuhl.de/Materials/24462 (https://www.dagstuhl.de/Materials/24462), which you can access using your personal DOOR credentials.
  - Who is interested to use a Dagstuhl pptx template can use this example: https://materials.dagstuhl.de/index.php?semnr=24462&fileId=16439 (https://materials.dagstuhl.de/index.php?semnr=24462&fileId=16439)

- Invited key talks

  - Jorge Gasos, EU DG Connect: RI and test platforms, the EU perspective
  - Deep Medhi, NSF: Research Infrastructure Opportunities at NSF
  - Serge Fdida: The SLICES initiative
  - Kate Keahey: Chameleon testbed - Lessons learned and future enhancements
  - Sebastian Gallenmüller: Orchestration for reproducibility and metadata management
  - Damien Saucez: Post 5G Experiments
  - Paul Ruth: MERIF, FABRIC and other testbeds
  - Michael Goedicke: Data Management tools, workflows, and recommendations

- Short talks

  - There are a few time slots reserved for short talks, and participants can propose short talks to the organizers, by adding information to the following hedgedoc document: https://hedgedoc.net.in.tum.de/AxPKS1KRRQq6BWzINLbvKw (https://hedgedoc.net.in.tum.de/AxPKS1KRRQq6BWzINLbvKw?both)

- Breakout sessions

  - Possible topics:
    - Access policies and resource management
    - Data and Workflow management (AI/ML)
    - Reproducibility incentives
    - Sustainable testbeds and testbeds for sustainable IT

- Research Software and FAIR Principles for research software (FAIR4RS)
    - ...
  - Participants are invited to add topic suggestions to the following hedgedoc document: https://hedgedoc.net.in.tum.de/_b-7KOx9TQONpfpBkx-fBw
    (https://hedgedoc.net.in.tum.de/_b-7KOx9TQONpfpBkx-fBw?both)

- World cafe questions
  - We collect a number of questions that are suitable for ~8 minute brainstorming sessions
  - Participants are invited to add world cafe questions to the following hedgedoc document: https://hedgedoc.net.in.tum.de/xPXf0wYATOOnNwLS2_89Ew
    (https://hedgedoc.net.in.tum.de/xPXf0wYATOOnNwLS2_89Ew?both)

Agenda

Day 0: Sunday, Nov 10, 2024

- before 18:00
  Arrival and check-in

Day 1: Monday, Nov 11, 2024

- 09:00-10:30
  - Arrival (5′ slack time)
  - Welcome of participants and introduction (by organizers) (15′)
  - 2 min, one slide per participant personal introduction, and one slide suggestion of topics to be discussed (1h)
  - Buffer (5′)
- 10:25-10:50
  - Coffee break
- 10:50-12:15
  - Talk: Serge Fdida: The SLICES initiative (15+5′)
  - Talk: Kate Keahey: Chameleon testbed - Lessons learned and future enhancements (15+5′)
  - Talk: Sebastian Gallenmüller: Orchestration for reproducibility and metadata management (15+5′)
  - Damien Saucez: Post 5G Experiments (15+5′)
  - Buffer (5′)
- 12:15-14:00
  - Lunch break
- 14:00-15:30
  - Talk: Jorge Gasos, EU DG Connect: RI and test platforms, the EU perspective (25+5′)
  - Talk: Deep Medhi, NSF: Research Infrastructure Opportunities at NSF (25+5′)
  - Short Talk: Paul Ruth: MERIF (Mid-scale Experimental Research Infrastructure Forum) and related venues (5′+2′)
  - Collection of breakout topics and questions for world cafe (10′)
  - Formation of breakout groups and identification of notetakers (10′)
- 15:30-16:15
  - Coffee
- 16:15-18:00
  - Breakout groups
- 18:00

- Dinner

Day 2: Tuesday, Nov 12, 2024

- 09:00-10:30
  - Information on seminar report
  - Update of topics for 2nd round breakout groups and questions for world cafe
  - Reports from breakout groups
- 10:30-11:00
  - Coffee break
- 11:00-12:15
  - Breakout groups, 2nd round
- 12:15-14:00
  - Lunch break
- 14:00-15:30
  - Talk: Paul Ruth: FABRIC and other testbeds (15+5′)
  - Talk: Michael Goedicke: Data Management tools, workflows, and recommendations (15+5′)
  - Short talk: Andrew W Moore: JOINER and NDFF - UK testbeds (10′+2′)
  - Short talk: Jelena Mirkovic and Terry Benzel: SPHERE Research Infrastructure (10′+2′)
  - Short talk: (xyz)(10′+2′)
  - Buffer (14′)
- 15:30-16:15
  - Coffee
- 16:15-18:00
  - World Cafe
- 18:00
  - Dinner

Day 3: Wednesday, Nov 13, 2024

- 09:00-10:30
  - Reports from World Cafe
  - Reports from breakout groups, 2nd round
  - Preparation of seminar report
- 10:30-11:00
  - Coffee break
- 11:00-12:15
  - Final plenum discussion on outcomes (including report of the seminar) and future research needs
  - Wrapup
- 12:15-14:00
  - Lunch & Adjourn