

ESM User Forum 2023

FZJ-JSC, February 23-24, 2023 (online: <https://webconf.fz-juelich.de/b/ste-jrn-6gt>)

Agenda

February 23

- 13:00-13:15 Welcome address (Norbert Attig, FZJ/JSC)
- 13:15-13:45 From JUWELS to JUPITER: an Exascale (space) journey (Estela Suarez, FZJ/JSC)
- 13:45-14:15 Support infrastructure at JSC (Thomas Breuer, FZJ/JSC)
- 14:15-14:45 buildbot at JSC (Yen-Sen Lu, FZJ/JSC)
- 14:45-15:15 High throughput computing with DASK (Mohammed Elshambakey, FZJ/JSC)
- 15:15-15:30 Coffee break
- 15:30-16:00 Performant data sharing across Institutes (Ugur Cayoglu, KIT/SCC)
- 16:00-16:30 JUST and IBM Spectrum Scale: Data management (Stephan Graf, FZJ/JSC)
- 16:30-17:00 Statistical downscaling with reanalysis data (Michael Langguth, FZJ/JSC)

February 24

- 09:00-09:30 (Exa-)ESM related news and user feedback (Olaf Stein, FZJ/JSC)
- 09:30-10:00 JointLab ExaESM-related projects (Lars Hoffmann, FZJ/JSC)
- 10:00-10:30 Performance portability with Kokkos in ParFlow and SERGHEI (Daniel Caviedes-Voullieme, FZJ/JSC & IBG-3)
- 10:30-11:00 Coffee break
- 11:00-11:30 ICON simulations on modular supercomputing architecture (Catrin Meyer, FZJ/JSC)
- 11:30-12:00 datalad (Gebhard Günther, FZJ/IEK-7)
- 12:00-12:30 ADAPTEX - Adaptive Earth System Modeling (Johannes Holke, DLR/SC)