

MaRDI Workshop on Scientific Computing

Mittwoch, 26. Oktober 2022

Invited Talks: Invited Talk 1+2 (09:00 - 10:30)

time	[id] title	presenter
09:00	[41] MaRDI - The Mathematical Research Data Initiative within the German National Research Data Infrastructure (NFDI)	KOPRUCKI, Thomas
09:45	[16] Challenges and tools for FAIR data in the heterogeneous CRC 1456 "Mathematics of Experiment"	LEHRENFELD, Christoph

Invited Talks: Invited Talk 3 (13:40 - 14:25)

time	[id] title	presenter
13:40	[42] Metadata4Ing: An ontology for describing the generation and provenance of research data within a scientific activity	IGLEZAKIS, Dorothea

Invited Talks: Invited Talk 4 (17:00 - 17:45)

time	[id] title	presenter
17:00	[11] Developing a Sustainable and FAIR HPC Sparse Linear Algebra Framework	COJEAN, Terry

Donnerstag, 27. Oktober 2022

Invited Talks: Invited Talks 5 (09:00 - 09:45)

time	[id] title	presenter
09:00	[36] FitBenchmarking: an open source tool for comparing data analysis software	REES, Tyrone

Invited Talks: Invited Talk 6 (12:55 - 13:40)

time	[id] title	presenter
12:55	[35] Creating sustainable research software by the example of the deal.II library	KRONBICHLER, Martin

Invited Talks: Invited Talk 7 (17:00 - 17:45)

time	[id] title	presenter
17:00	[39] ADOL-C: 40 years of software development	WALTHER, Andrea

Freitag, 28. Oktober 2022

Invited Talks: Invited Talks 8+9 (09:00 - 10:30)

time	[id] title	presenter
09:00	[17] xSDK: an Ecosystem of Interoperable Independently Developed Math Libraries	MEIER YANG, Ulrike
09:45	[43] preCICE – A General-Purpose Simulation Coupling Interface	UEKERMANN, Benjamin

Invited Talks: Invited Talk 10 (12:40 - 13:25)

time	[id] title	presenter
12:40	[18] Fostering interdisciplinary research by composable Julia software	HERBST, Michael