Session Program

November 8, 2021

7th bwHPC Symposium

Poster session part 1

Ulm University, Zoom Online Event

Mon, November 8

Poster session part 1

Poster Session |
Location: Zoom Breakout Rooms (for list of posters => click on this session block, and then on the "session details" icon)

Simulation of turbulent particle deposition in rough pipes using an Euler-Lagrange approach

Speaker
K. Akermann (Ulm University of Applied Sciences)

Location
Breakout Room "Akermann"

Automated mapping of shrub individuals in S. Africa's Fynbos biome using drone imagery and deep learning

Speaker
N. Allen (Hohenheim University)

Location
Breakout Room "Allen"

forschungsdaten.info

Speaker
A. Axtmann (Karlsruhe Institut of Technology)

Location
Breakout Room "Axtmann"

SDC4Lit - Science Data Center for Literature

Speaker
N. Buck (HLRS Stuttgart)

Location
Breakout Room "Buck"

An assessment of quantum chemical tools for the analysis of host-guest interactions in COFs and MOFs

Speaker
M. Ernst (Heidelberg University)

Location
Breakout Room "Ernst"

Population genomic analysis of the rapid expansion of the fungal pathogen Setosphaeria turcica in Europe

Speaker
F. Freund (Hohenheim University)

Location
Breakout Room "Freund"

Estimating a Mixture Model for Multidimensional Forced-Choice Data - The Faking Mixture Model

Speaker
S. Frick (Mannheim University)

Location
Breakout Room "Frick"

Student Cluster Competition 2021

Speaker
S. Malheiros (Heidelberg University)

Location
Breakout Room "Malheiros"

Numerical validation of cutting simulations for complex heat exchangers using 3D reverse engineered surfaces

Speaker
G. O. Mathlouthi (Ulm University of Applied Sciences)

Location
Breakout Room "Mathlouthi"

Quantum-mechanical study of photoinduced processes in Direct laser Writing

Speaker
A. Mauri (Karlsruhe Institute of Technology)

Location
Breakout Room "Mauri"

A Computational Workflow for Interdisciplinary Deep Learning Projects utilizing bwHPC Infrastructure

Speaker
M. P. Schilling (Karlsruhe Institute of Technology)

Location
Breakout Room "Schilling"

Automated simulation of thermophysical properties of mixtures with OpenMM on HoreKa (breakout room presentation cancelled)

Speaker
B. Schmitz (Stuttgart University)

Location
Breakout Room "Schmitz"

bwVisu

Speaker
R. Schmoll (Heidelberg University)

Location
Breakout Room "Schmoll"

1:30 PM