10th bwHPC Symposium

Wednesday, September 25, 2024

Scientific Presentations: Block 1 - HS1010 (1:50 PM - 2:30 PM)

time	[id] title	presenter
1:50 PM	[123] Theoretical investigations on the catalytic pathway of unspecific peroxygenases in the context of biocatalysis	POGGEMANN, Hanna-Friederike
2:10 PM	[119] Nonequilibrium Phenomena in Many-Body Quantum Systems	RUDGE, Samuel

Scientific Presentations: Block 2 - HS1010 (3:10 PM - 4:30 PM)

time	[id] title	presenter
3:10 PM	[100] Phenomic Prediction - Optimization of NIRS preprocessing	BRAUN, Vincent
3:30 PM	[109] Finding unbinding pathways in protein ligand systems	JÄGER, Miriam
3:50 PM	[108] Belle II on NEMO: Flavour and Dark Matter Physics	SCHNEPF, Matthias
4:10 PM	[107] Deepnetworks for reviving and accumulating experimental animal data: From Matlab to Python	ERIKSSON, David

Scientific Presentations: Block 3 - HS1010 (5:00 PM - 6:00 PM)

time	[id] title	presenter
5:00 PM	[130] KI-Morph – User-friendly large-scale image analysis & AI on bwHPC systems	ZEILMANN, Alexander
5:20 PM	[126] New ML-based analysis techniques in fundamental physics	HUETSCH, Nathan
5:40 PM	[120] Technology of the Hunter System and Porting Strategy towards APU enabled portable engineering codes	DICK, Björn

Thursday, September 26, 2024

Scientific Presentations: Block 4 - Aula (9:30 AM - 9:50 AM)

time	[id] title	presenter
9:30 AM	[101] Thermographic and Energy Efficiency Analysis of Server Components under Variable Load Conditions	OTT, Benjamin SCHUCKERT, Nicola

Scientific Presentations: Block 5 - Aula (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00 AM	[121] Considerations on dynamic energy management in HPC systems in connection with the waste heat utilization of the data center	CONRAD, Norbert
11:20 AM	[103] The use of computational chemistry in chemistry: A brief overview with exemplary case studies	KROSSING, Ingo
11:40 AM	[105] High Performance Computing infrastructure for Particle Physics: The Experience of the Karlsruhe groups	BROMMER, Sebastian