

Training Course “Introduction to the programming and usage of the supercomputing resources in Jülich”

Monday May 20 , 2019

13:00 - 13:30	Welcome and Introduction to JSC - Norbert Attig (JSC)
13:30 - 14:15	Work load management with Slurm – Chrysovalantis Paschoulas (JSC)
14:15 - 14:45	JUST and IBM Spectrum Scale: Data management– Stephan Graf (JSC)
14:45 - 15:15	Break
15:15 - 16:00	JURECA Cluster and Booster – Philipp Thörnig (JSC)
16:00 - 16:45	JUWELS – Introduction – Kay Thust (JSC) Bull Sequana Architecture – Thomas Knebel (Atos)
16:45 – 17:30	ParTec Cluster Management – Frank Robel (ParTec)
17:30	End of Day 1
17:35	Bus SB20 from Seecasino to Rurtalbahn and Aachen/Jülich

Tuesday, May 21 , 2019

08:30 - 09:45	HPC Software - Compiler and Tools - Michael Knobloch (JSC)
09:45 - 10:15	Break
10:15 - 10:45	HPC Software - Mathematical Libraries & Application Software Damian Alvarez (JSC)
10:45 - 11:15	Remote Visualisation - Herwig Zilken (JSC)
11:15 - 12:00	ML/DL on Supercomputers – Fahad Khalid (JSC)
12:00 - 13:00	Lunch Break
13:00 - 13:45	Using GPU accelerators on JURECA and JUWELS – Andreas Herten (JSC)
13:45 - 14:30	Uniform Resource Access at JSC: UNICORE – Björn Hagemeyer (JSC) LLview – Tobias Bauer (JSC)
14:30 - 15:00	Break
15:00 - 16:30	JURECA and JUWELS – Tuning and Tweaks – Heinrich Bockhorst (Intel)
16:30	End of Day 2
16:47	Bus 219 from Seecasino to Rurtalbahn
16:47	Bus 220 from Seecasino to Jülich
16:47	Bus SB 20 from Seecasino to Aachen