

Training Course “Introduction to the programming and usage of the supercomputing resources in Jülich” 2020 – Online Edition 2020

Monday May 18th , 2020

13:00 - 13:30	Welcome and Introduction to JSC – Norbert Attig (JSC)
13:40 - 14:25	JURECA Cluster and Booster – Philipp Thörnig (JSC)
14:25 – 15:00	Break
15:00 - 15:30	JUWELS – Introduction – Damian Alvarez (JSC)
15:35 - 16:05	Bull Sequana Architecture – Thomas Warschko (Atos)
16:10 - 16:55	Job Monitoring and User Portal – Sebastian Lührs (JSC)
17:05 - 17:50	Work load management with Slurm – Chrysovalantis Paschoulas (JSC)
17:50	End of Day 1

Tuesday, May 19th , 2020

08:30 - 09:00	JUST and IBM Spectrum Scale: Data management– Stephan Graf (JSC)
09:10 - 10:30	HPC Software - Compiler and Tools - Michael Knobloch (JSC)
10:30 - 11:00	Break
11:00 - 11:30	HPC Software - Mathematical Libraries & Application Software Inge Gutheil (JSC)
11:40 - 12:10	Remote Visualisation - Herwig Zilken (JSC)
12:10 - 13:30	Lunch Break
13:40 - 14:25	Deep Learning on Supercomputers - Fahad Khalid (JSC)
14:35 - 15:05	Uniform Resource Access at JSC: UNICORE – Björn Hagemeier (JSC)
15:15 - 15:45	ParTec Cluster Management – Patrick Küven (ParTec)
15:45	End of Day 2

Wednesday, May 20th , 2020

09:00 - 09:45	JupyterLab - Supercomputing in your Browser - Jens Henrik Göbbert (JSC)
09:55 - 10:40	Using GPU accelerators on JURECA and JUWELS – Andreas Herten (JSC)
10:50 - 12:10	JURECA and JUWELS – Tuning and Tweaks – Heinrich Bockhorst (Intel)
12:10	End of Day 3