

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

Agenda

Thursday November 23rd 2017

13:00 - 13:30	Welcome and Introduction to JSC - Norbert Attig, Daniel Rohe (JSC)
13:30 - 14:50	JURECA - An overview - Philipp Thörnig, Chrysovalantis Paschoulas (JSC)
14:50 - 15:20	Break
15:20 - 16:00	JURECA - Tuning for the platform – Frank Robel (ParTec)
16:00 - 16:30	Using GPU accelerators on JURECA – Willi Homberg (JSC)
16:30 - 17:30	JURECA - Tuning for the platform II – Heinrich Bockhorst (Intel)
17:30	End of Day 1
17:35	Bus SB20 from Seecasino to Rurtalbahn and Aachen/Jülich

Friday, November 24th 2017

08:45 - 10:00	HPC Software - Compiler and Tools - Michael Knobloch (JSC)
10:00 - 10:15	Break
10:15 - 10:45	HPC Software - Mathematical Libraries & Application Software Inge Gutheil (JSC)
10:45 - 11:15	Remote Visualisation - Herwig Zilken (JSC)
11:15 - 12:00	Uniform Resource Access at JSC:UNICORE – Björn Hagemeier (JSC) LLview - Carsten Karbach (JSC)
12:00 - 13:00	Lunch Break
13:00 - 13:30	JURECA Booster – Introduction – Dorian Krause (JSC)
13:30 - 14:45	JURECA Booster – Tuning and Tweaks – Heinrich Bockhorst (Intel)
14:45 - 15:15	Break
15:15 - 16:30	Taming Wild Threads - Tips and Pitfalls in Hybrid Programming Christoph Pospiech (Lenovo/IBM)
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