

COPA-GT Workshop on High Performance Computing

11th-12th July 2013

Place: Ausbildungsraum 1, (Geb. 16.3, R. 021)

Agenda Thursday 11th July

8.30	Transfer from RWTH guesthouse to JSC
9.00	Welcome and introduction (Paul Gibbon, JSC)
9.10	Workshop outline (Mike Nicolai, JARA HPC)
9:15	JUQUEEN architecture and best practices (Florian Janetzko, JSC)
10:15	CFD examples on JUQUEEN (Mike Nicolai, JARA HPC)
10:30	Coffee break
11:00	Hands-on session (compiling, building and benchmarking on JUQUEEN)
12:20	Collection of the initial benchmarking results
12:30	Lunch break
13:30	Performance tools and debugging part 1 (Bernd Mohr, JSC)
14:00	Hands-on session (Code instrumentation and optimization)
18:00	Transfer to RWTH guesthouse

Friday 12th July

08:30	Transfer to JSC
09:00	Performance tools and debugging part 2 (Bernd Mohr, JSC)
10:00	Coffee break
10:30	Hands-on session (code optimization)
12:00	Lunch break
13:00	Hands-on session (benchmarking)
15:30	Result assembly
16:00	Discussion, presentation of results (before and after workshop, 1-2 slides per code) (Moderation Mike Nicolai, JARA HPC)
16:30	End of the workshop