



HPC Advanced Optimization and Tuning on SGI Platforms Supercomputer Salomon

IT4Innovations

Ostrava
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Gabriel Koren, Ph.D.
Senior Solutions Architect
SGI
gkoren@sgi.com

Schedule

DAY 1 Sessions 09:30 – 17:30

09:30 – 10:30	Introduction to New SuperComputer Salomon
10:45 - 12:00	Introduction to HPC & SGI UV2 Architecture
12:00 - 13:00	Lunch Break
13:00 – 14:00	Monitoring jobs
14:15-16:00	In Depth presentation of Intel Compilers 14/15
16:15-17:30	Code Profiling using Perf suite and MPInside

Company Confidential

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Schedule

DAY 2 Sessions 09:30 – 17:30	
09:30 – 10:30	Tuning OpenMP & MPI in SGI UV2
10:45 - 12:00	Optimization Tips and Techniques
12:00 - 13:00	Lunch Break
13:00 – 15:00	Practical Work
15:15-16:00	Optimization Tips & Techniques (cont)
16:15-17:30	Hybrid Parallelization & Closing Summary

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Introduction to HPC