



Gauss Centre for Supercomputing

Workshop Program 2013, July - December

Planned courses and conferences 2013	Location	Course Language *) slides in English	Days	Date
Introduction to the Usage of the SuperMUC Petaflop system at LRZ (PATC Course)	Garching	English	5	Jul 08-11, 2013
Parallel Programming with MPI, OpenMP and PETSc	Hamburg-Harburg	German *)	3	Jul 29-31, 2013
Introduction to Parallel Programming with MPI and OpenMP for JSC guest students	Jülich	English	4	Aug 06-09, 2013
Conference: Euro-Par 2013	Jülich	English	4	Aug 26-30
Iterative Linear Solvers and Parallelization	Garching	German	5	Sep 02-06
7th International Parallel Tools Workshop	Dresden	English	2	Sep 03-04
Conference: ParCo 2013	Garching	English	4	Sep 10-13
Advanced Fortran Topics (PATC Course)	Garching	English	3	Sep 16-20, 2013
Parallel Programming Workshop (MPI, OpenMP, and Advanced Parallel Programming) (PATC Course)	Stuttgart	English	5	Sep 23-27, 2013
Conference Traffic and Granular Flow 2013	Jülich	English	3	Sep 25-27
High Performance Computing in Science and Engineering	Stuttgart	English	2	Sep 30 – Oct 01, 2013
IDC HPC User Forum	Stuttgart	English	2	Oct 07-08
12th VI-HPS Tuning Workshop (PATC Course)	Jülich	English	5	Oct 07-11, 2013
Scientific Visualization	Stuttgart	English	2	Oct 14-15
Industrial Services of HLRS (PATC Course)	Stuttgart	German *)	½	Oct 16, 2013
GPU Programming using CUDA	Stuttgart	English	3	Oct 21-23
Cray XE6/XC30 Optimization Workshop (PATC Course)	Stuttgart	English	4	Oct 28-31, 2013
Introduction to OpenFoam	Garching	English	4	Nov 04-07
C/C++ Workshop	Garching	English	3	Nov 05-07
Industrial Services of HLRS (PATC Course)	Stuttgart	English	½	Nov 14, 2013
Introduction to Parallel Programming with MPI and OpenMP	Jülich	German *)	3	Nov 25-27, 2013
Introduction to the Programming and Usage of the Supercomputing Resources at Jülich	Jülich	English	2	Nov 28-29, 2013
Fortran for Scientific Computing	Stuttgart	German *)	5	Dec 02-06
Node-Level Performance Engineering (PATC Course)	Garching	English	2	Dec 03-04, 2013

Workshop Program 2014, January-July

Planned courses and conferences 2014	Location	Course Language *) slides in English	Days	Date
Second JUQUEEN Porting and Scaling Workshop (PATC Course)	Jülich	English	3	Feb 03-05, 2014
Programming with Fortran	Garching	English	5	Feb 03-07
NIC-Symposium 2014	Jülich	English	2	Feb 12-13, 2014
Parallel Programming (MPI, OpenMP, PETSc) & Tools	Dresden	German *)	4	Feb 24-27, 2014
Introduction to Parallel Programming with MPI and OpenMP	Mainz	English	3	Mar 04-06, 2014
Parallel Programming of High Performance Systems	Erlangen	English	5	Mar 10-14, 2014
Fortran for Scientific Computing (PATC Course)	Stuttgart	English	5	Mar 10-14,
Introduction in Python	Jülich	German	3	Mar 17-19
Cray XE6/XC30 Optimization Workshop (PATC Course)	Stuttgart	English	4	Mar 17-20, 2014
Iterative Linear Solvers and Parallelization	Stuttgart	German	5	Mar 24-28
Eclipse: C/C++/Fortran Programming	Garching	English	1	Mar 25, 2014
Advanced Topics in HPC (includes parallel I/O and PGAS) (PATC Course)	Garching	English	4	Mar 31-Apr 03, 2014
Introduction to Computational Fluid Dynamics	Stuttgart	German	5	Mar 31-Apr 04, 2014
GPU Programming using CUDA	Stuttgart	English	3	Apr 07-09
GPU Programming (PATC Course)	Jülich	English	3	Apr 07-09
OpenACC Programming for Parallel Accelerated Supercomputers (PATC Course)	Stuttgart	English	2	Apr 10-11, 2014
Introduction to Unified Parallel C (UPC) and Co-array Fortran (CAF) (PATC Course)	Stuttgart	English	2	Apr 14-15, 2014
Scientific Visualization	Stuttgart	English	2	Apr 16-17
Intel MIC&GPU Programming Workshop (PATC Course)	Garching	English	3	Apr 28-30, 2014
Advanced GPU Programming	Jülich	English	2	May 05-06
Introduction to the Programming and Usage of the Supercomputing Resources at Jülich	Jülich	English	2	May 19-20, 2014
Parallel I/O and Portable Data Formats (PATC Course)	Jülich	English	3	May 21-23, 2014
High-performance computing with Python	Jülich	English	2	June 26-27
Node-Level Performance Engineering	Stuttgart	English	2	July 14-15

Legend: **Conferences** and **Training-Courses**

Status November 06, 2013

PATC courses: GCS is a PRACE Advanced Training Centre (PATC) and industrial PATC (iPATC). Some of the courses are sponsored by the PATC program.

Further information and/or registration please visit our web page/s:

- <http://www.hlr.de/events/>
- <http://www.lrz.de/services/compute/courses/>
- <http://www.fz-juelich.de/ias/jsc/events>
- <http://www.gauss-centre.eu/training>
- <http://www.training.prace-ri.eu/>