GCS
Gauss Centre for Supercomputing

Workshop Program 2013, January-June

Planned courses and conferences 2013	Location	Course Language *) slides in English	Days	Date
Workshop Blue Gene Active Storage	Jülich	English	2	Jan 10-11, 2013
Opening Event for the Simulation Lab Neuroscience	Jülich	English	2	Jan 14-15, 2013
First JUQUEEN Porting and Scaling Workshop **(PATC Course)**	Jülich	English	3	Feb 4-6, 2013
Parallel Programming (MPI, OpenMP, PETSc) & Tools	Dresden	German *)	4	Feb 4-7, 2013
Programming with Fortran	Garching	English	5	Feb 4-8, 2013
Introduction to Computational Fluid Dynamics	Stuttgart	German	5	Feb 18-22, 2013
Workshop HYBRID2013	Jülich	English	4	Mar 4-7, 2013
Fortran for Scientific Computing **(PATC Course)**	Stuttgart	English	5	Mar 4-8, 2013
Parallel Programming of High Performance Systems	Garching	English	5	Mar 4-8, 2013
Iterative Linear Solvers and Parallelization	Stuttgart	German	5	Mar 11-15, 2013
12th HLRS/hww Workshop on Scalable Global Parallel File Systems	Stuttgart	English	4	Mar 18-20, 2013
Scientific Python	Jülich	English	3	Mar 18-20, 2013
Parallel I/O and Portable Data Formats **(PATC Course)**	Jülich	English	3	Mar 18-20, 2013
Advanced Topics in HPC (includes parallel I/O and PGAS) **(PATC Course)**	Garching	English	4	Mar 18-21, 2013
Eclipse: C/C++/Fortran Programming	Garching	English	1	March 28, 2013
GPU Programming **(PATC Course)**	Jülich	English	3	Apr 15-17, 2013
Cray XE6/XC30 Optimization Workshop **(PATC Course)**	Stuttgart	English	4	Apr 16-19, 2013
Advanced GPU Programming	Jülich	English	2	Apr 18-19, 2013
GPU Programming using CUDA	Stuttgart	English	3	Apr 24-26, 2013
OpenACC programming for parallel accelerated supercomputers -- an alternative to CUDA from Cray perspective **(PATC Course)**	Stuttgart	English	2	Apr 29-30, 2013
Introduction to Unified Parallel C (UPC) and Co-array Fortran (CAF) **(PATC Course)**	Stuttgart	English	2	May 2-3, 2013
Programming in C++ (C++11) for C programmers	Jülich	English	6	May 13-23, 2013
Introduction to the Programming and Usage of the Supercomputing Resources at Jülich	Jülich	English	2	May 16-17, 2013

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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	July 08-11, 2013
Parallel Programming with MPI, OpenMP and PETSc	Hamburg-Harburg	German *)	3	July 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

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.hlrs.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/