



Gauss Centre for Supercomputing

## Workshop Program 2012, January-June

Planned courses and conferences 2012	Location	Course Language *) slides in English	Days	Date
<b>NIC Symposium</b>	<b>Jülich</b>	<b>English</b>	<b>2</b>	<b>Feb 7-8, 2012</b>
Programming with Fortran	Garching		5	Feb 6-10, 2012
Parallel Programming (MPI, OpenMP, PETSc) & Tools	Dresden	German *)	4	Feb 13-16, 2012
Winterschool on Molecular Modeling on Supercomputers	Garching	English	5	Feb 27–Mar 2, 2012
<b>Winter School Hierarchical Methods for Dynamics in Complex Molecular Systems</b>	<b>Jülich</b>	<b>English</b>	<b>5</b>	<b>Mar 5-9, 2012</b>
Parallel Programming of High Performance Systems	Erlangen		5	Mar 5-9, 2012
Fortran for Scientific Computing	Stuttgart	English	5	Mar 5-9, 2012
Using the General Parallel File System on SuperMUC	Garching	English	1	Mar 12, 2012
Iterative Solvers and Parallelization	Stuttgart	German	5	Mar 12-16, 2012
Advanced Topics in HPC (includes parallel I/O and PGAS)	Garching	English	4	Mar 19-22, 2012
GPU Programming	Jülich	English	3	Mar 19-21, 2012
Introduction to CFD	Stuttgart	German	5	Mar 26-30, 2012
Parallel I/O and Portable Data Formats	Jülich	English	3	Mar 28-30, 2012
Eclipse Parallel Tools Platform: Eclipse based parallel application development, debugging and profiling platform	Garching	English	1	Mar 29, 2012
Cray XE6 Optimization Workshop	Stuttgart	English	4	Apr. 2-5, 2012
Parallel programming with R	Garching	English	1	Apr 03, 2012
9th VI-HPS Tuning Workshop	St-Quentin-en-Yvelines, France	English	5	Apr. 23-27, 2012
<b>CUG 2012 – Greengineering the Future</b>	<b>Stuttgart</b>	<b>English</b>	<b>5</b>	<b>Apr 29–May 3 2012</b>
Advanced Visualization for High Performance Computing	Garching	English	1	May 10, 2012
Programming and Usage of the Supercomputing Resources in Jülich	Jülich	English	2	May 21-22, 2012
Intel Array Building Blocks (ArBB) Training	Garching		2	May 2012
Using Scripting Languages in HPC (Python, R and MATLAB)	Garching	English	1	May 2012
<b>GCS Symposium on High Performance Computing</b>	<b>Hamburg</b>	<b>--&gt; ISC'12</b>	<b>5</b>	<b>Jun 17-21, 2012</b>
GPGPU Programming	Garching	English	3	Jun 2012
Fortran for Scientific Computing	Stuttgart	German *)	5	Jun 25-29, 2012
Scientific 3D Animation with Blender	Garching	English	2	tba



Gauss Centre for Supercomputing

## Workshop Program 2012, July-December

Planned courses and conferences 2012	Location	Course Language *) slides in English	Days	Date
Introduction to the Usage of the SpuerMUC Pe-taflop system at LRZ	Garching	English	5	Jul 2-6, 2012
GPU Programming using CUDA	Stuttgart	English	3	Jul 2- 4, 2012
Unified Parallel C (UPC) and Co-Array Fortran (CAF)	Stuttgart	English	2	Jul 5- 6, 2012
Debugging serial and parallel applications with Allinea DDT	Garching	English	1	Jul 10, 2012
Parallel Programming with Cilk	Garching		1	Jul 2012
SimLab Porting Workshop	Jülich	English	3	Summer 2012
Parallel Programming with MPI, OpenMP and PETSc	Hamburg-Harburg	German *)	3	Jul 30-Aug 1, 2012
Big Data Analysis with R	Garching	English	1	Aug 7, 2012
Parallel Programming with MPI and OpenMP	Stuttgart	English	3	Sep 3-5, 2012
Advanced Parallel Programming	Stuttgart	English	2	Sep 6-7, 2012
Iterative Solvers and Parallelization	Garching	German	5	Sep 10-14, 2012
Advanced Fortran Topics	Garching	English	5	Sep 17-21, 2012
6th International Parallel Tools Workshop	Stuttgart	English	2	Sep 25-26, 2012
Data Visualisation for Publications and Websites	Garching	English	1	Sep 25, 2012
<b>High Performance Computing in Science and Engineering</b>	<b>Stuttgart</b>	<b>English</b>	<b>2</b>	<b>Oct 10-11, 2012</b>
10th VI-HPS Tuning Workshop	Garching	English	4	Oct. 16-19, 2012
Cray XE6 Optimization Workshop	Stuttgart	English	4	Nov 5-8, 2012
Programming and Usage of the Supercomputing Resources in Jülich	Jülich	English	2	Nov 22-23, 2012
Parallel Programming with MPI, OpenMP and PETSc	Jülich	German *)	3	Nov 26-28, 2012
GPU Programming using CUDA	Stuttgart	German *)	3	Dec 10-12, 2012
Unified Parallel C (UPC) and Co-Array Fortran (CAF)	Stuttgart	German *)	2	Dec 13-14, 2012
Blue Gene Scaling Workshop	Jülich	English	3	Dec 2012
Tools and Tuning Workshop	Jülich	English	3	tba

**Legend:** Conferences Training-Courses

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/events/>
- <http://www.prace-ri.eu/Upcoming>