

Parallel Programming of High-Performance Systems

A collaborative course of NHR@FAU and LRZ
24 – 26 February 2026

Survey

- Please fill out the online survey under



<https://go-nhr.de/course-feedback>



- This helps us to
 - increase the quality of the courses,
 - design the future training programme at LRZ, NHR@FAU and GCS according to your needs and wishes.

Certificate



- A digital certificate of attendance will be send to you in the next couple of days if you have attended at least 2 days of the course.

Upcoming Courses and Workshops by LRZ

<https://www.lrz.de/education>

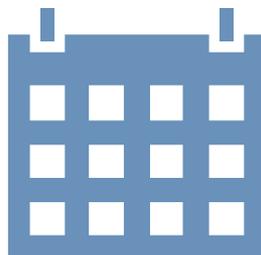
Debugging and Optimising Parallel Codes with Linaro Forge	03.03.2026 – 03.03.2026	ONLINE	0.00 EUR	53	24.02.2026	Register now
Debugging with TotalView	05.03.2026 – 05.03.2026	ONLINE	0.00 EUR	60	26.02.2026	Register now
Introduction to CoolMUC-4 with Focus on CFD and FEM Workflows	19.03.2026 – 19.03.2026	ONLINE	0.00 EUR	56	12.03.2026	Register now
AI Training Series - Orientation Session	08.04.2026 – 09.04.2026	ONLINE	0.00 EUR	43	01.04.2026	Register now
AI Training Series - Introduction to Container Technology & Application to AI at LRZ	27.04.2026 – 27.04.2026	ONLINE	0.00 EUR	47	20.04.2026	Register now
AI Training Series - Introduction to the LRZ AI Systems	04.05.2026 – 04.05.2026	ONLINE	0.00 EUR	55	27.04.2026	Register now
Introduction to C++	11.05.2026 – 13.05.2026	ONLINE	0.00 EUR	61	04.05.2026	Register now
AI Training Series - Scaling Deep Learning - From Single GPU to Clusters	18.05.2026 – 20.05.2026	Leibniz Rechenzentrum	0.00 EUR	41	11.05.2026	Register now
GPU Programming Workshop	08.06.2026 – 11.06.2026	ONLINE	0.00 EUR	48	01.06.2026	Register now
Modern Python in Depth - From Fundamentals to Acceleration	17.06.2026 – 17.06.2026	ONLINE	0.00 EUR	55	10.06.2026	Register now
Iterative Solvers for Linear Systems	16.09.2026 – 17.09.2026	Leibniz Rechenzentrum	0.00 EUR – 505.00 EUR	32	02.09.2026	Register now
Modern C++ Software Design	21.10.2026 – 23.10.2026	ONLINE	0.00 EUR – 720.00 EUR	64	07.10.2026	Register now
Node-Level Performance Engineering	01.12.2026 – 03.12.2026	ONLINE	0.00 EUR – 720.00 EUR	64	17.11.2026	Register now

Upcoming Courses and Workshops by NHR@FAU

<https://hpc.fau.de/teaching/tutorials-and-courses/>

Registration	Online	2026, Mar 4-5	Choosing GPU Programming Approaches	Two Half-Day
	Online	2026, Mar 9-11	From Zero to Multi-Node GPU Programming	Three-Day
Registration	Online @ TUD	2026, Mar 9	Fundamentals of Accelerated Computing with CUDA C/ C++	Full-Day
Registration	Online	2026, Mar 10-11	Scaling CUDA-Accelerated Applications	Two-Day
Registration	Online	2026, Mar 12-13	Introduction to Git	Two Half-Day
Registration	Online	2026, Mar 25	Fundamentals of Deep Learning	Full-Day
Registration	Online	2026, Mar 27	Fundamentals of Accelerated Computing with CUDA Python	Full-Day
Registration	Online	2026, Apr 8-10	Fundamentals of Accelerated Computing with Modern CUDA C++	Three Half-Day
Registration	FAU, Department of Biology	2026, Apr 13-14	GROMACS for Constant-pH Simulations	Two-Day
Registration	Online	2026, Apr 22-24	GPU Performance Engineering	Three Half-Day
Registration	Online	2026, May 4-6	Introduction to Parallel Programming with OpenMP	Three-Day
Registration	Online	2026, May 7-8	Introduction to Parallel Programming with MPI	Two-Day
Registration	Online @ HLRS	2026, Jun 9-12	Node-Level Performance Engineering	Four-Day
Registration	Online @ LRZ	2026, Jun 8	Fundamentals of Accelerated Computing with OpenACC	Full-Day
Registration	Online @ LRZ	2026, Jun 9	Fundamentals of Accelerated Computing with OpenMP and Kokkos	Full-Day
Registration	Online @ LRZ	2026, Jun 10	Fundamentals of Accelerated Computing with Modern CUDA C++	Full-Day
Registration	Online @ LRZ	2026, Jun 11	Fundamentals of Accelerated Computing with CUDA Python	Full-Day
Registration	Perth, Australia	2026, Jul 12-17	GPU Performance Engineering	GPU Performance Analysis
Registration	Online	2026, Sep 17-18, 24-25, and Oct 1-2	C++ for Beginners	Six-Day
Registration	Online	2026, Oct 7-9	Modern C++ Software Design	Three-Day

Upcoming Courses and Workshops



- **Information on further HPC courses:**
 - by the Gauss Centre of Supercomputing (GCS): <http://www.gauss-centre.eu/training>
 - by German Centres: <https://veranstaltungen.hpc-in-deutschland.de/>
 - by European Centres and Projects: <https://hpc-portal.eu/training>

Mailing Lists



- Subscribe via <https://lists.lrz.de/mailman/listinfo/training-announce> to get regular information on education and training events at LRZ.
- Subscribe via <https://www.lrz.de/wir/newsletter/> to get the general LRZ newsletter.
- Subscribe via <https://www.listserv.dfn.de/sympa/subscribe/nhr-announcements> for NHR training announcements.

Thank you!
We hope to see you again in a future training event