

# Parallel Programming of High-Performance Systems

A collaborative course of NHR@FAU and LRZ  
18 – 20 February 2025

# Survey

- Please fill out the online survey under



<https://tinyurl.com/PPHPS25-survey>



- 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

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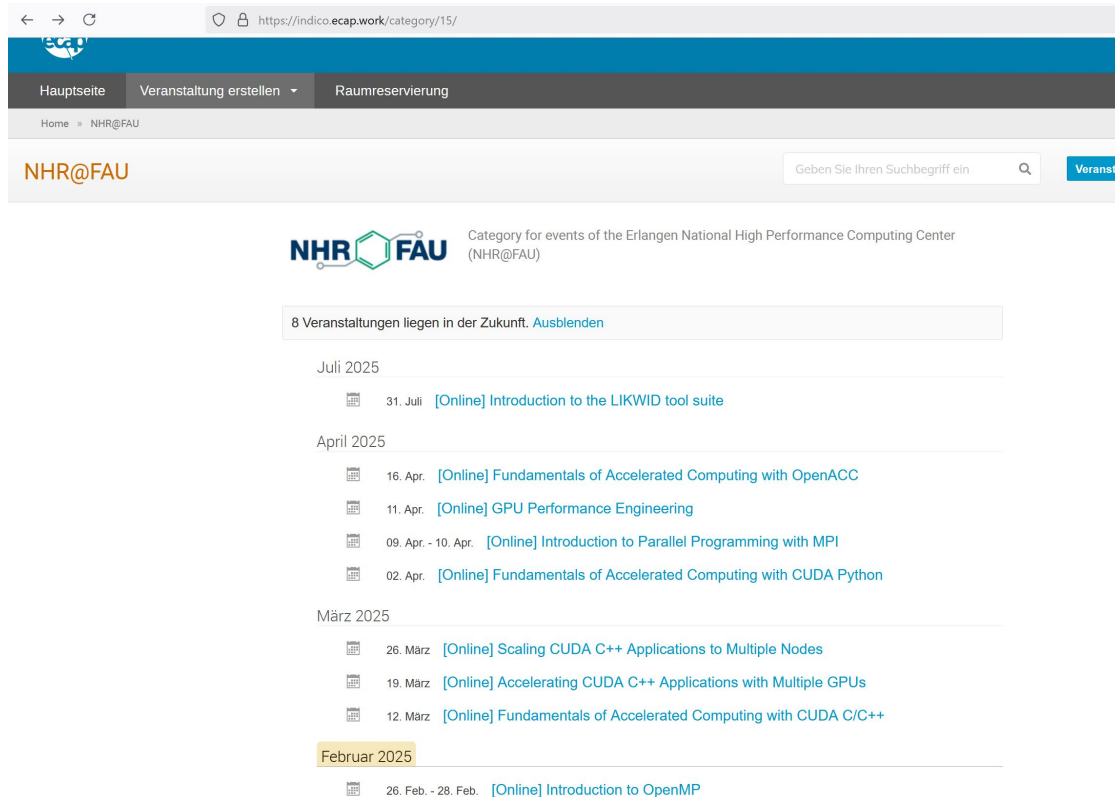


- A digital certificate of attendance will be send to you in the next couple of days if you have attended at least 2 days of the course.

# Upcoming Courses and Workshops by LRZ

<a href="#">Programming with Fortran</a>	11.03.2025 – 13.03.2025	ONLINE	0.00 EUR – 600.00 EUR	62	04.03.2025	<a href="#">Register now</a>
<a href="#">Hybrid HPC Quantum Computing at LRZ</a>	12.03.2025 – 12.03.2025	Leibniz Rechenzentrum	0.00 EUR	39	05.03.2025	<a href="#">Register now</a>
<a href="#">CANCELLED - Introduction to CoolMUC-4 with Focus on CFD and FEM Workflows</a>	13.03.2025 – 13.03.2025	ONLINE	0.00 EUR	56	06.03.2025	
<a href="#">EuroCC2 N-Ways to GPU Programming Bootcamp (apply via Vienna Scientific Cluster)</a>	07.04.2025 – 09.04.2025	ONLINE	0.00 EUR	120	10.03.2025	
<a href="#">Introduction to CoolMUC-4 with Focus on CFD and FEM Workflows</a>	10.04.2025 – 10.04.2025	ONLINE	0.00 EUR	61	03.04.2025	<a href="#">Register now</a>
<a href="#">AI Training Series - Orientation Session</a>	05.05.2025 – 06.05.2025	ONLINE	0.00 EUR	93	28.04.2025	<a href="#">Register now</a>
<a href="#">AI Training Series - Introduction to Container Technology &amp; Application to AI at LRZ</a>	16.05.2025 – 16.05.2025	Leibniz Rechenzentrum	0.00 EUR	34	09.05.2025	<a href="#">Register now</a>
<a href="#">AI Training Series - Introduction to the LRZ AI Systems</a>	21.05.2025 – 21.05.2025	Leibniz Rechenzentrum	0.00 EUR	34	14.05.2025	<a href="#">Register now</a>

# Upcoming Courses and Workshops by NHR@FAU



The screenshot shows a web browser displaying the NHR@FAU event calendar. The page title is "Category for events of the Erlangen National High Performance Computing Center (NHR@FAU)". The calendar lists events for July, April, März, and Februar 2025. The "Februar 2025" tab is currently selected.

8 Veranstaltungen liegen in der Zukunft. [Ausblenden](#)

**Juli 2025**

- 31. Juli [\[Online\] Introduction to the LIKWID tool suite](#)

**April 2025**

- 16. Apr. [\[Online\] Fundamentals of Accelerated Computing with OpenACC](#)
- 11. Apr. [\[Online\] GPU Performance Engineering](#)
- 09. Apr. - 10. Apr. [\[Online\] Introduction to Parallel Programming with MPI](#)
- 02. Apr. [\[Online\] Fundamentals of Accelerated Computing with CUDA Python](#)

**März 2025**

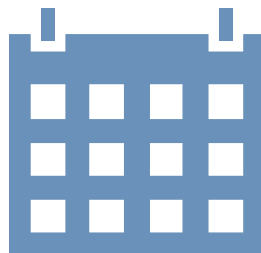
- 26. März [\[Online\] Scaling CUDA C++ Applications to Multiple Nodes](#)
- 19. März [\[Online\] Accelerating CUDA C++ Applications with Multiple GPUs](#)
- 12. März [\[Online\] Fundamentals of Accelerated Computing with CUDA C/C++](#)

**Februar 2025**

- 26. Feb. - 28. Feb. [\[Online\] Introduction to OpenMP](#)

# Upcoming Courses and Workshops

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- **Information on further HPC courses:**
  - by LRZ: <http://www.lrz.de/services/compute/courses/>
  - by the Gauss Centre of Supercomputing (GCS): <http://www.gauss-centre.eu/training>
  - by German Centres (collected by the Gauß-Allianz): <https://hpc-calendar.gauss-allianz.de/>
  - by the EuroHPC National Competence Centres: <https://www.eurocc-access.eu/services/training/>
  - by European Centres and Projects: <https://hpc-portal.eu/upcoming-events-courses>

# Mailing Lists

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- 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.

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