



# PRACE Workshop: HPC code optimisation workshop

LRZ | 8 – 10 June 2020

# Q&A Session



## • Panelists:

- Momme Allalen (LRZ)
- Fabio Baruffa (Intel)
- Gennady Fedorov (Intel)
- Mathias Gerald (LRZ)
- Thomas Gruber (RRZE)
- Carla Guillen (LRZ)
- Michael Steyer (Intel)
- Igor Vorobtsov (Intel)



## Raise Hands:



If you do not mind, please show your video when asking questions.

## Push to Talk:

The Push to Talk feature allows you to remain muted throughout your Zoom meeting and hold down the spacebar when you want to be unmuted and talk.

# PRACE Survey



- Please fill out the PRACE online survey under



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



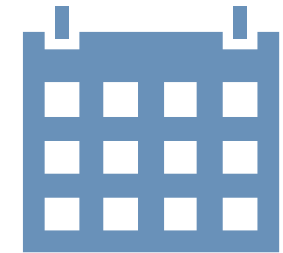
- This helps us and PRACE to
  - increase the quality of the courses,
  - design the future training programme at LRZ and in Europe according to your needs and wishes,
  - get future funding for training events,
  - shape the future system architecture at LRZ.

# Upcoming Courses and Workshops



- **Upcoming Courses at LRZ:**

- [ONLINE: PRACE Workshop: Deep Learning and GPU programming workshop](#)  
Monday, June 15 - Thursday, June 18, 2020, 10:00-16:00 CEST
- [ONLINE: PRACE Course: Introduction to hybrid programming in HPC](#)  
Wednesday, June 17 08:45 - Friday, June 19, 2020 16:00 CEST
- [ONLINE: Intel OneAPI for FPGAs](#)  
Friday, June 19, 2020, 13:00-19:00 CEST
- [ONLINE: Advanced C++ with Focus on Software Engineering](#)  
Saturday, June 20, June 27, and July 4, 2020, 09:00-17:00 CEST
- [ONLINE: Optimizing OpenCL Programs for Intel FPGAs](#)  
Thursday, June 25, 2020, 09:00-18:00 CEST



- **Information on further HPC courses:**

- by LRZ: <http://www.lrz.de/services/compute/courses/>
- by HLRS: <https://www.hlrs.de/training/> including new ONLINE 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 Partnership for Advanced Computing in Europe (PRACE): <http://www.training.prace-ri.eu/>

# PRACE Courses 2020 / 2021 @ LRZ



- **Advanced Fortran Topics**  
2 days, 2 LRZ lecturers (Sep 2021)
- **Node-Level Performance Engineering**  
2 days, 2 RRZE lecturers (Dec 2020)
- **OpenMP Programming Workshop**  
3-days, members of the OpenMP ARB, invited speakers (Feb 2021)
- **Advanced Topics in High Performance Computing**  
4-days, 3 LRZ + 2 RRZE lecturers (Mar 2021)
- **Introduction to hybrid programming in HPC**  
2-day, 1 HLRS & 1 RRZE lecturers & 2 VSC lecturers (Apr 2021)
- **VI-HPS Tuning Workshop**  
5-days, 15 lecturers (May 2021)
- **HPC Code Optimisation Workshop**  
3 days, 2 LRZ + 1 Intel lecturer (Jun 2021)
- **Deep Learning and GPU Programming Workshop**  
4 days, 4 LRZ NVIDIA certified lecturers, in collaboration with NVIDIA Deep Learning Institute (DLI) (July 2021)



# LRZ Aktuell Mailing List



[aktuell@lists.lrz.de](mailto:aktuell@lists.lrz.de)

- Subscribe via **<https://lists.lrz.de/mailman/listinfo/aktuell>** to get regular information on events, courses, workshops, positions etc. at LRZ.



**Thank you!**

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