

Debugging and Optimising Parallel Codes with Linaro Forge

14.02.2024

Course material:
<http://tinyurl.com/hlin1w23>



- Rudy Shand (Linaro)



Course Webpage

- All slides and materials will be made available under:
- <http://tinyurl.com/hlin1w23>

- Further information on:
 - Agenda
 - Slides
 - Survey



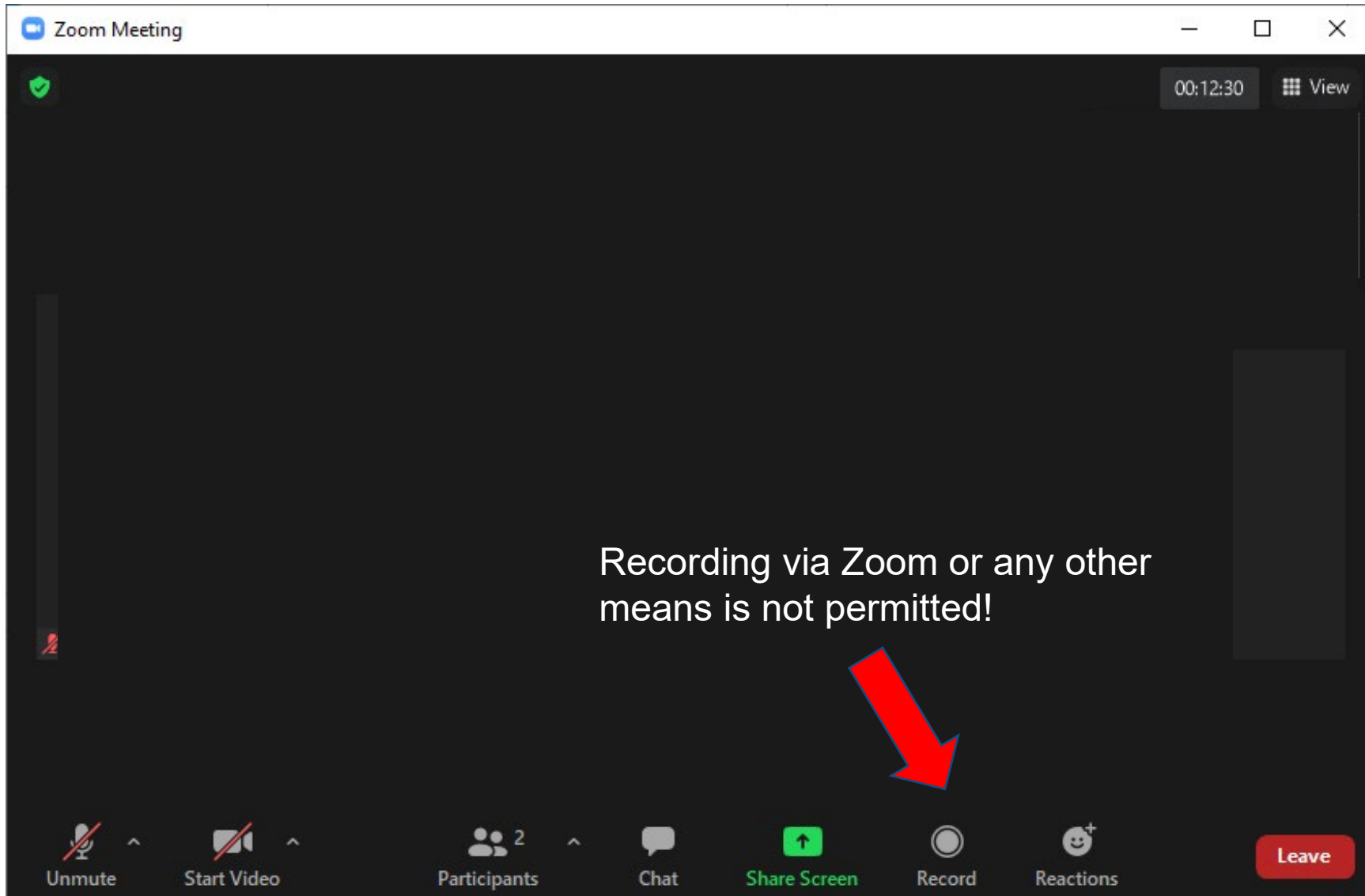
Kindly use “<first name> <last name> <language> (<institute>)” as your screenname.

Otherwise we cannot provide you a certificate of attendance after the course.

The image shows a Zoom meeting interface with a dark theme. The main window displays the meeting controls at the bottom, including Unmute, Start Video, Participants (2), Chat, Share Screen, Record, Reactions, and Leave. A red arrow points from the 'Participants' icon to a floating 'Participants (2)' window. This window lists two participants: 'Volker Wei... (Me)' and 'Volker Weinberg Backup (Host)'. A blue box highlights the 'More >' button for the first participant, which has opened a context menu with 'Edit Profile Picture' and 'Rename' options. A red arrow points from a black box labeled 'Rename Yourself' to the 'Rename' option. A large orange circle with the number '1' is positioned over the 'Participants' icon, and a large orange circle with the number '2' is positioned over the 'Rename' option.

1
Open Participants List

2
Rename Yourself



And now ...



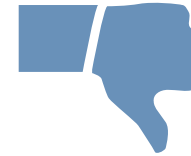
Enjoy the course!

Survey

- Please fill out the online survey under



<http://tinyurl.com/hlin1w23-survey>



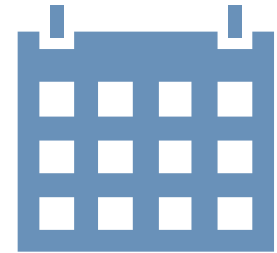
- This helps us to
 - increase the quality of the courses and
 - design the future training programme at LRZ according to your needs and wishes.



Upcoming Courses and Workshops



DLI Training Series - Applications of AI for Anomaly Detection	05.03.2024 – 05.03.2024	Leibniz Rechenzentrum	0.00 EUR	12	20.02.2024	Register now
AI Training Series - Introductory AI Workshop by Intel	07.03.2024 – 07.03.2024	HYBRID: ONLINE/LRZ	0.00 EUR	92	29.02.2024	Register now
DLI Training Series - Building Transformer-Based Natural Language Processing Applications	12.03.2024 – 12.03.2024	Leibniz Rechenzentrum	0.00 EUR	21	27.02.2024	Register now
DLI Training Series - Data Parallelism - How to Train Deep Learning Models on Multiple GPUs	26.03.2024 – 26.03.2024	Leibniz Rechenzentrum	0.00 EUR	19	12.03.2024	Register now
EuroCC2 N-Ways to GPU Programming Bootcamp (apply via openhackathons.org)	02.04.2024 – 05.04.2024	ONLINE	0.00 EUR	120	20.02.2024	
DLI Training Series - Model Parallelism - Building and Deploying Large Neural Networks	09.04.2024 – 09.04.2024	Leibniz Rechenzentrum	0.00 EUR	25	26.03.2024	Register now
Advancing Quantum Computing - Exploring Open-Quantum Systems and Noise Characteristics	10.04.2024 – 10.04.2024	Leibniz Rechenzentrum	0.00 EUR	35	27.03.2024	Register now
Introduction to LRZ HPC Systems with Focus on CFD Workflows	10.04.2024 – 10.04.2024	ONLINE	0.00 EUR	61	04.04.2024	Register now
EuroCC2 Multi-GPU Programming Bootcamp (apply via openhackathons.org)	03.05.2024 – 07.05.2024	ONLINE	0.00 EUR	30	26.03.2024	
VI-HPS Tuning Workshop	10.06.2024 – 13.06.2024	Leibniz Rechenzentrum	0.00 EUR	47	28.05.2024	Register now
EuroCC2 AI for Science Bootcamp (apply via openhackathons.org)	24.06.2024 – 26.06.2024	ONLINE	0.00 EUR	80	15.05.2024	
Deep Learning and GPU Programming Workshop	09.09.2024 – 12.09.2024	ONLINE	0.00 EUR	64	03.09.2024	Register now
Iterative Solvers for Linear Systems	17.09.2024 – 18.09.2024	Leibniz Rechenzentrum	25.00 EUR – 420.00 EUR	32	03.09.2024	Register now
Node-Level Performance Engineering	03.12.2024 – 05.12.2024	ONLINE	30.00 EUR – 600.00 EUR	65	26.11.2024	



- **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 EuroCC National Competence Centres: <https://www.eurocc-access.eu/services/training/>
- by European Centres: <https://hpc-portal.eu/upcoming-events-courses>

Mailing Lists



- Subscribe via <https://lists.lrz.de/mailman/listinfo/newsletter> 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!