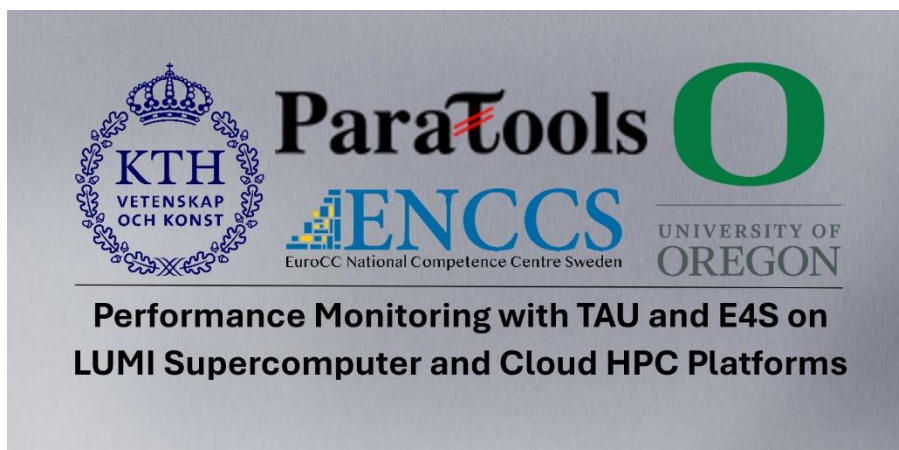




24 October 2025 – KTH Training / Workshop Agenda

Location: RISE Research Institutes of Sweden ([KTH Campus](#)), Drottning Kristinas väg 61, 114 28 Stockholm, Sweden

Date: Friday, 24th October 2025

Time: 14:00 (2:00 PM) - 18:00 (6:00 PM) [CEST](#)

Zoom link: TBC

14:00 - 16:00 (2:00 PM - 4:00 PM)	HPC (LUMI) Onboarding Session 2 hours online session to help registered participants log in the LUMI cluster	Online (Zoom)
16:00 - 18:00 (4:00 PM - 6:00 PM)	Cloud HPC (AWS, Google and/or Azure) Onboarding Session 2 hours online session to help registered participants log in the Cloud HPC clusters	Online (Zoom)

28 October 2025 – KTH Training / Workshop Agenda

Location: RISE Research Institutes of Sweden ([KTH Campus](#)), Drottning Kristinas väg 61, 114 28 Stockholm, Sweden

Date: Tuesday, 28th October 2025

Time: 10:00 (10:00 AM) - 12:00 (12:00 Noon) [CET](#)

Zoom link: TBC

10:00 - 12:00 (10:00 - 12:00 PM)	HPC (LUMI) Information Session (if needed Cloud HPC Platforms): 2 hours online Q & A session to help registered participants clear unanswered HPC clusters questions.	Online (Zoom)
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29 October 2025 – KTH Training / Workshop Agenda

Location: RISE Research Institutes of Sweden ([KTH Campus](#)), Drottning Kristinas väg 61, 114 28 Stockholm, Sweden

Date: Wednesday, 29th October 2025

Time: 9:00 (9:00 AM) - 17:00 (5:00 PM) [CET](#)

Zoom link: TBC

8:30 - 9:00 (8:30 AM - 9:00 AM)	Reception	Stockholm RISE
9:00 - 9:15 (9:00 AM - 9:15 AM)	- Welcome, Logistics and Introductions KTH / University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)

9:15 - 10:00 (9:15 AM - 10:00 AM)	- Introduction to TAU (Tuning and Analysis Utilities) University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
10:00 - 10:30 (10:15 AM - 10:30 AM)	- TAU Performance System Setup on LUMI and Cloud HPC Platforms - Hands-On: Simple MPI Examples University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
10:30 - 11:00 (10:35 AM - 11:00 AM)	Coffee Break	TBC
11:00 - 12:00 (11:00 AM - 12:00 PM)	- Instrumentation: MPI, GPU Runtimes, tau_exec - Hands-On: AWS Examples using TAU and ParaProf - Performance Application Programming Interface (PAPI) University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
12:00 - 14:00 (12:00 AM - 2:00 PM)	Lunch	TBC
14:00 - 15:30 (2:00 PM - 3:30 PM)	- Hands-On: TAU and GPU (ROCm and CUDA) Runtimes Examples - Perfetto.dev Trace Visualizer University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
15:30 - 15:45 (3:30 PM - 3:45 PM)	Coffee Break	TBC
15:45 - 16:45 (3:45 PM - 4:45 PM)	- TAUdb (TAU's performance database) - PerfExplorer (TAU's performance data mining environment) University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
16:45 - 17:00 (4:45 PM - 5:00 PM)	- Q & A and Concluding Remarks KTH / University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)

30 October 2025 – KTH Training / Workshop Agenda

Location: RISE Research Institutes of Sweden ([KTH Campus](#)), Drottning Kristinas väg 61, 114 28 Stockholm, Sweden

Date: Thursday, 30th October 2025

Time: 9:00 (9:00 AM) - 17:00 (5:00 PM) [CET](#)

Zoom link: TBC

8:30 - 9:00 (8:30 AM - 9:00 AM)	Reception	Stockholm RISE
9:00 - 9:15 (9:00 AM - 9:15 AM)	- Welcome, Logistics and Introductions KTH / University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
9:15 - 10:00 (9:15 AM - 10:00 AM)	- Introduction to E4S (Exascale Scientific Software Stack) (An HPC-AI Software Ecosystem for Science) University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
10:00 - 10:30 (10:15 AM - 10:30 AM)	- E4S System Setup on LUMI and Cloud HPC Platforms - Simple Docker and Singularity Examples University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
10:30 - 11:00 (10:35 AM - 11:00 AM)	Coffee Break	TBC

11:00 - 12:00 (11:00 AM - 12:00 PM)	- Containers in HPC - Spack Package Manager - Hands-On: MPI Examples on LUMI and Cloud HPC Platforms - Introduction to E4S Tools University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
12:00 - 14:00 (12:00 AM - 2:00 PM)	Lunch	TBC
14:00 - 15:30 (2:00 PM - 3:30 PM)	- AI Tools - Jupyter Notebooks - Codium - PyTorch, JAX, - NVIDIA Nemo - NVIDIA BioNeMo University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
15:30 - 15:45 (3:30 PM - 3:45 PM)	Coffee Break	TBC
15:45 - 16:45 (3:45 PM - 4:45 PM)	- E4S e4s-cl and e4s-alc Tools on Commercial Cloud HPC Platforms - Hands-On: HPC and AI Tools University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)
16:45 - 17:00 (4:45 PM - 5:00 PM)	- Q & A and Concluding Remarks KTH / University of Oregon / ParaTools, Inc	Stockholm RISE (Room: TBC)