Introduction to GPUs course

Stockholm/Zoom, September - October, 2023

A practical course presented by PDC in collaboration with ENCCS, HPE and AMD

PDC Center for High Performance Computing, KTH Royal Institute of Technology, Sweden

Course curriculum

GPU computing concepts and programming model

GPU programming models: HIP, SYCL, OpenMP

Compiler techniques

Performance tools

Course schedule

The course is held

- 15 & 22 September (afternoons only, online)

- 12 & 13 October (all day, in person at KTH, Stockholm)

- Time in between the sessions for own work on exercises

Important links

- Schedule: https://github.com/PDC-support/introduction-to-gpu

- Course material: https://github.com/PDC-support/introduction-to-gpu

- HackMD:

- Slack: