

## HPC Day: June 2019

REGISTRATION NOW OPEN!

\*Registration Fee: 40€ (includes coffee breaks)

Date: Thursday, June 13  
Time: 8 am – 7 pm  
Venue: Goethe Universität,  
Campus Westend

### Topics:

Slurm: Goethe-HLR Cluster and Batch Usage

Spack: Managing HPC Software Complexity with Spack

Clacc: OpenACC Support for Clang and LLVM

TAU: Performance Evaluation using the TAU Performance System

<https://indico.fias.uni-frankfurt.de/event/19/>

## ISC 2019 Tutorials

Special Tutorial Discount

\*Use code **OD-TU-ZRNKJQ** for 35% off regular price

Date: Sunday, June 16  
Time: 9 am – 6 pm  
Venue: Messe Frankfurt

### Pick a Topic:

Artificial Intelligence & Deep Learning Methods:

- Deep Learning at Scale
- High Performance Distributed Deep Learning: A Beginner's Guide

Code Optimization:

- Programming Tools and Performance Analysis
- Performance Optimization of Scientific Codes with the Roofline Model

Code Parallelization & Paradigms:

- Advanced MPI & Advanced OpenMP
- OpenMP Common Core: Learning Parallelization of Real Applications from the Ground-Up
- Hands-on Practical Hybrid Parallel Application Performance Engineering

Compiler Alternatives:

- A Tour of LLVM, a Modern and Open Source HPC Compiler Framework

GPU Programming:

- GPU Bootcamp - A Collaborative Hands-on GPU Tutorial

Beginners Topics:

- InfiniBand, Omni-Path, and High-speed Ethernet for Beginners

*If you need to enhance your high performance computing (HPC) knowledge, these tutorials offer you an excellent opportunity to do so!*

*Registration includes lunch and coffee breaks*

<https://www.isc-hpc.com/tutorials-2019.html>

## ISC STEM Student Day & Gala

Free Admission for Students

\*Open to 200 signups!

Date: Wednesday, June 19  
Time: 9.30 am – 9.30 pm  
Venue: Messe Frankfurt

### Free Admission for MINT Students (Bachelor, Master, PhD)

- 2 1/2-hour HPC tutorial on HPC Applications, Systems and Programming Models
- Guided Tour through ISC 2019 Exhibition
- Job Fair
- Networking

<https://www.isc-hpc.com/stem-student-day-gala.html>