

# 47th VI-HPS Tuning Workshop

Montag, 02. Juni 2025 bis Donnerstag, 05. Juni 2025 | 14:00 Uhr bis 17:00 Uhr

University Duisburg-Essen | 45127 Essen, Schützenbahn 70

This workshop, organised by VI-HPS and HPC.NRW, will give an overview of the VI-HPS programming tools suite, explain the functionality of individual tools, and how to use them effectively, and offer hands-on experience and expert assistance using the tools.

This workshop, organised by VI-HPS and HPC.NRW, will:

- give an overview of the VI-HPS programming tools suite
- explain the functionality of individual tools, and how to use them effectively
- offer hands-on experience and expert assistance using the tools

On completion participants should be familiar with common performance analysis and diagnosis techniques and how they can be employed in practice (on a range of HPC systems). Those who prepared their own application test cases will have been coached in the tuning of their measurement and analysis, and provided optimization suggestions.

The workshop will be held in English and run from 14:00 to not later than 17:30 on the first and 09:00 to not later than 17:30 on each full day, with breaks for lunch and refreshments.

Participants are encouraged to prepare **their own MPI, OpenMP and hybrid MPI+OpenMP parallel application codes for analysis**. Codes using multiple GPUs via OpenACC, OpenCL or CUDA may also be analysed.

Kartenreservierung: <https://eveeno.com/vi-hps-tw47>

Veranstalter:  
HPC.NRW

Weitere Informationen: <https://www.vi-hps.org/training/tws/tw47.html>