

Vienna Scientific Cluster - upcoming trainings and events

- Created by [Kracher-Fischer Christian](#) on 24. May 2023



We would like to bring to your attention a couple of events and trainings in June and July that we are organizing together with our partners and that might be of interest for you.

Early registration is recommended for all events!

05.-07.06.2023, 09:00 - 17:00, IN-PERSON, Bratislava, Slovakia TREX Workshop - Code Tuning for the Exascale

Targeting specifically code developers and advanced HPC users the event will be organised as a mix of tutorials and hands-on sessions, focussing mainly on performance, power consumption, and energy efficiency in HPC systems.

Claudia Blaas-Schenner and Ivan Vialov

(VSC Research Center, TU Wien, Austria),

Tomáš Panoc, Ondej Vysocký, Radim Vavík, and Matej Špeko

(IT4Innovations, VSB Ostrava, Czechia),

William Jalby and Cedric Valensi

(Université de Versailles-Saint-Quentin-en-Yvelines/UPSAclay, France)

<https://vsc.ac.at/training/2023/CodeTuning4Exascale>

13.-15.06.2023, 09:30-18:30, IN-PERSON, Maribor, Slovenia

ASHPC23 - Austrian-Slovenian HPC Meeting 2023

Scientists and technicians with a background and interest in supercomputing come together to learn about current limitations and to exchange ideas on addressing these issues which is vital for the further development in scientific and technological competitiveness. The program features an exciting mix about the current state-of-the-art in HPC and future trends.

Regular registration deadline is June 1, 2023

<https://ashpc.eu/>

22.06.2023, 09:00 - 17:00, ONLINE, Zoom

ONLINE COURSE - Introduction to Working on the VSC Clusters

In this course we will help you getting started on the VSC clusters, Austria's most powerful supercomputers. We'll focus on using the VSC clusters and especially their queuing system efficiently. This course is from beginners level (the first steps on a supercomputer) to intermediate level (some experience on VSC or an other compute cluster)

VSC Team (Claudia Blaas-Schenner, Siegfried Höfinger, Jan Zabloudil)

<https://vsc.ac.at/training/2023/VSC-Intro-Jun>

26.-30.06.2023, 09:00 - 17:00, IN-PERSON, Ostrava, Czechia SCtrain Training Week - HPC in Data Science: focus on Big Data and AI

The course aimed at High-Performance Data Analytics (HPDA) covers data cleaning, exploratory data analysis, modelling using machine and deep learning/AI, and upscaling the codes to the High-Performance Computing (HPC) clusters, relying on the expertise of HPC specialists coming from four different European countries.

Waiting list for eligible students of TU Wien - please contact training@vsc.ac.at

Late registration for self-paying participants - please contact training@vsc.ac.at <https://sctrain.eu/course/big-data-and-ai>

05.-06.07.2023, 09:00 - 17:00, ONLINE, Zoom ONLINE COURSE - Python for HPC

This course introduces the interested participant to Python from an HPC viewpoint, the most practical tools, and various indispensable libraries for HPC use cases. After completion of this two-day course, participants are prepared to effectively develop their own Python libraries or integrate Python into existing projects.

David Fischak (External),

Simeon Harrison (EuroCC Austria and VSC Research Center, TU Wien),

Katrin Muck (VSC Research Center, TU Wien)

<https://vsc.ac.at/training/2023/Python4HPC-Jul>

Training events of VSC: <https://vsc.ac.at/training>

Koordination Digitale Transformation Digitalisation Research