

# NCC Slovakia Overview

NCC Slovakia,  
November 2022



# NCC Slovakia

## OVERVIEW

- The Centre of Cooperation of the Slovak Academy (CC SAS) implements activities of the NCC Slovakia and aims at becoming the leading HPC provider for the Slovak market. The NCC Slovakia was created to enhance the Slovak HPC ecosystem and coordinates the HPC services for the existing and future HPC users.
- Business entities and public institutions leverage the know-how of CC SAS and benefit from the NCC service portfolio leading to faster growth and digital innovation focused on AI/ML, HPDA, and Multiphysics simulations...
- The easy access to HPC infrastructure and scientific contribution within a reach became a key enabler for collaboration and engagement of the business organizations, public institutions, and the third sector.

## BUSINESS SUPPORT / SERVICES

- Access to HPC computation
- HPC Consultations & Knowledge transfer
- Advice on project partnerships & help with project proposals
- Training & Skills development
- Pilot projects – benchmark
- Proof of concept – TRL 1-3 (4-6)
- Access to national and international HPC community
- Mapping HPC needs and ecosystem development

## TRAINING ACTIVITIES

- Statistical Analysis R
- HPC infrastructure
- Open OnDemand
- HPC with GPU
- Data processing & visualisation
- Parallel programming (Python, C/C++, Fortrane)

## PRICING POLICY / BUSINESS MODEL

Free services: Trainings and „Test before invest“ pilots  
Commercial service: Computation time

## DESCRIPTION OF INFRASTRUCTURE

From February 2023 clients of NCC Slovakia will have access to the CC SAS infrastructure:

- 800 Tflops
- CPU partition: 140 compute nodes, each with 64 cores and 256 GB RAM
- GPU partition: 8 compute nodes, each with 4 GPGPU Nvidia A100
- Data storage 3.8 PB

## NCC for HPC, Slovakia

Type: N/A

Link: [eurocc.nsc.sk](http://eurocc.nsc.sk)

Contact: [eurocc@nsc.sk](mailto:eurocc@nsc.sk)