

NCC Lithuania Overview

NCC Lithuania
Updated June 11th, 2022

Contact: mindaugas.macernis@ff.vu.lt



EURO

NCC Lithuania

OVERVIEW

NCC Lithuania is currently hosted by Vilnius University and employs experience gathered by its main HPC provider, VU HPC open-access center. In the near future, NCC will represent the consortium of several largest research institutions in Lithuania, namely:

- Vilnius University,
- Vilnius Tech,
- Kaunas University of Technology and
- Lithuanian Hydrometeorological Service.

NCC Lithuania focuses on information, training and advice regarding efficient use of Europe-wide HPC+ (incl. HPC, HPDA and AI) resources by industry, academia and public administration.

BUSINESS SUPPORT / SERVICES

- Targeted communication with industry and SMEs to explore their needs
- Technical/scientific expertise and consulting services:
 - Initial development activities
 - Access to computing and data infrastructure, including EuroHPC resources
 - Access to test-beds and optimization advice
- Training material, events and opportunities
- Domain-specific workshops/ hands-on/ roundtables

TRAINING ACTIVITIES

- Study programs and one-off courses at the Vilnius University
- Training events organized by NCC
- Industry-directed workshops and events
- HPC needs and competences mapping

PRICING POLICY / BUSINESS MODEL

NCC Lithuania works as intermediary for applications to access and use HPC resources available locally and on the Europe-wide scale. Additionally, NCC provides contact point, assessment and training services to help identify and implement industry use-cases.

DESCRIPTION OF INFRASTRUCTURE

Main HPC resources in Lithuania are provided by OAC at the Vilnius University. They consist of two separate clusters with around 350 nodes/ 8000 cores (Intel Xeon CPUs) and over 500 Tflops compute capability between them. Nodes with GPU acceleration are also available.

NCC 15, Lithuania

HPC/ HPDA/ AI
eurocc-lithuania.lt
mindaugas.macernis@ff.vu.lt