

Centre of operations, Slovak Academy of Sciences  
Slovak National Supercomputing Centre

Terms of reference  
for the National Leonardo access call 2023

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These Terms of reference are defined by the coordinator of the National Leonardo access call 2023 and are binding for all applicants within the call:

Important dates in the call:

Opening date: December 13, 2023

Closing date: January 1, 2024

Communication about proposal decision: February 6, 2024

Allocation period: February 2024 – January 2025

Submission of final reports: 1 month after the completion of the project

Eligible applicants:

Applicants from all public Slovak universities or institutes of Slovak Academy of Sciences are eligible. Supported projects should enable progress and innovation in the chosen field with the added value of contributing to solutions of social and/or technological challenges in Slovakia, specifically. Access will be provided exclusively for civil and non-commercial open-science research and development.

Overall allocation available:

- 56 000 GPU node-hours
- 25 000 CPU node-hours

About the Leonardo system and access:

The coordinator of this call may choose one or more projects to be awarded to achieve the best utilization of the allocated computational resources. Applications can only be submitted via the HPC user portal [register.nsc.sk](https://register.nsc.sk).

After the allocation of resources is awarded to specific project proposals, the PI of the awarded project will receive further information about practical aspects of accessing the system via email. In general, all project members will have to register into the CINECA user portal:

<https://wiki.u-gov.it/confluence/display/SCAIUS/UG2.0%3A+General+Information>

Access will be granted shortly after registration (1 day maximum). Further information about the Leonardo system, environment and services available can be found here:

<https://wiki.u-gov.it/confluence/display/SCAIUS/UG3.2%3A+LEONARDO+UserGuide>

Expected outcome:

The principal investigator of the awarded project will present a final report following the guidelines provided by the coordinator of this call via the HPC portal [register.nsc.sk](https://register.nsc.sk) no later than 1 calendar month after the end of the allocation period.

The report should include the following information:

- Name/number of the call.
- Names, institutions and contact information of all project members.
- Project title and main research fields.
- Timeframe of the project.
- Summary of the project.
- Description of the results obtained from the scientific point of view, future perspectives, benefits to the society and the benefits of using computer resources.
- Expected future work in the area.
- Images of the results including description or caption.
- Explanation of how the computer time was used compared with the work plan presented in the proposal. Justification of discrepancies, especially if the computer time was not completely used.
- The report can comprise also feedback on access procedures and support.

#### Application:

Applicants must submit a full application demonstrating:

- the relevance of the application to the call;
- the significant impact of the expected results;
- that their application requires the use of large allocations - both in terms of compute and data storage resources - to reach the objective of their application;
- and that the methods, software, and tools are technically adapted to efficiently use the Leonardo supercomputer, thereby demonstrating the feasibility of the project.

Applications should clearly explain why the work cannot be performed on a smaller HPC system. The PI can use references to their previous work in the field.

#### Other conditions:

The PI of the awarded project commits to:

- provide the final report of the project as described in this document;
- acknowledge the awarded access in all publications which include the results of the project. Users shall use the following wording in such acknowledgement in all such papers and other publications:

“(Part of the) Research results was obtained using the high performance computing resources operated by CINECA and awarded within the the *National Leonardo access call 2023* by the Centre of Operations, Slovak Academy of Sciences and the Slovak National Supercomputing centre.”;

- allow the coordinators of this call to publish the information about the awarded project (name, abstract, team members) and the final project report after 1 year from the end of the allocation period;
- contribute to the coordinators dissemination activities by participating in relevant events, providing visual materials or contribute content to popularization publications.

For any queries related to applications, please contact: [eurocc@nsc.sk](mailto:eurocc@nsc.sk)