Access For Thematic HPC Resources

NOTICE! Delete all text in grey.

Submission of project applications is continuous.

**Name of the project:**

**Project duration:** Max. 12 months

**Number of node hours requested for each platform:**

1. **Barbora CPU:**
2. **Barbora GPU:**
3. **Barbora FAT:**
4. **DGX-2:**
5. **Karolina CPU:**
6. **Karolina GPU:**
7. **Karolina FAT:**
8. **LUMI-C (CPU):**
9. **LUMI-G (GPU):**
10. **Complementary systems:** YES/NO
11. **Visualisation servers:** YES/NO

**Other HPC resources:**

Fill only in case of the non-standard resource request; see <https://docs.it4i.cz/>.

1. **HOME and SCRATCH Barbora:** [TB]
2. **HOME and SCRATCH Karolina:** [TB]
3. **LSCRATCH DGX2:** [TB]
4. **PROJECT:** [TB]
5. **Cloud services requirements:** Instances, VCPUs, RAM, volume storage and others.

**Name and surname of primary investigator:**

**Affiliation of primary investigator:**

**e-mail:**

**Names and surnames of other investigators:** Comma-separated list.

**Affiliations of other investigators:** Comma-separated list.

**e-mails:** Comma-separated list.

**Research area:** e.g. Artificial intelligence, Bioinformatics, Chemistry, Engineering, Physics.

**Popular abstract:**

**Not required for commercial use of computational resources (type “commercial” request).**

Include a popular abstract in a form which is immediately available for publication on the website or in newspapers etc., outlining the proposed activities, in language appropriate for the general public. Be concise; **do not exceed 1500 characters** in the abstract.

**Project intent:**

**Project activities and objectives:**

Describe the proposed project activities and objectives. If applicable, assess the socioeconomic impact of the project.

**Reasons for Director's Discretion request:**

**Not required for commercial use of computational resources (type “commercial” request).**

In case of non-commercial use, describe why the Open Access Grant Competitions cannot be used (for example, the main objective is to support education or training, the project intent has specific time constraints, the project is not suitable for scientific excellence based competition, increased data protection level not suitable for public peer review process etc.).

Do not exceed a **maximum document size of 3 pages**.

**Computational readiness:**

**Technical readiness:**

Describe your experience with the requested resources. List the computational methods, software tools, and libraries you will use (if possible, provide related references and data for your application’s performance).

**Computational resources:**

Justify the **requested computational resources**. Note that all requested resources should include an estimation of the required **node hours**. Provide the basis on which the requested resources were estimated. Also, justify the **duration of the project**.

Do not exceed a **maximum document size of 3 pages**.

**References:**

Include all references here. Do not exceed a **maximum document size of 3 pages**.