LUMI-C sandbox application

**From 4.2.2022 until 25.2.2022 1500 CET** researchers at Danish universities can apply for LUMI-C resources as described below. This is only for CPU resources on LUMI-C[[1]](#endnote-1) resources. The GPU resources on LUMI-G are not available before medio 2022.

The national HPC grant system will be used for future allocations. Because the grant system is not operational yet and not to waste valuable HPC resources, the Danish LUMI-C allocation for the next half year will be distributed based on a lightweight application procedure as described below. For practical reasons the resources have been placed in the sandbox.

The total amount of LUMI-C resources for this round will be

|  |  |
| --- | --- |
| CPU core hours | **15.301.749** |
| Storage in TB-hours (terabyte hours)[[2]](#endnote-2) | **7.588.249** |

Applications must use the attached schema. Please keep the word limit and be precise for the description and for the technical setup. Project start and end dates should be **15.3.2022 and 31.8.2022**. Also calculate storage needs from previous experience to minimize the waste of unused storage units.

The amount of CPU cores hours pr application request will be **2.500.000**, which will result in 6 projects. The rest of the share will go into development and benchmark projects at a smaller scale.

The 6 projects will be selected based on

* Technical readiness of the software and the research project
* Distribution among the Danish universities.

The application must not hold any GDPR related or sensitive data information on research that is not already public. The basic GDPR data on name, phone and email will be handled accordingly.

The applications will be handled by DeiCs HPC technical staff from **28.2.2022 to 10.3.2022.** All applications will by **11.3.2022** get notice and account for the accepted projects will be created on LUMI as soon as possible thereafter.

1. The LUMI-C part is explained at https://docs.lumi-supercomputer.eu/computing/systems/lumic/ [↑](#endnote-ref-1)
2. The billing units is explained at https://docs.lumi-supercomputer.eu/storage/parallel/lumip/ [↑](#endnote-ref-2)