Starting Grant Application form: Compute component of the Flemish Tier-1 supercomputing platform

Title of the application:

Applicant name, first name:

Institution:

Research group / department:

E-mail address:

VSC id of the applicant:

# Disclaimer

Allocated computing time on Tier-1 for a Starting Grant is 500 kcore-hours and 1 kGPU-hours at most, allocated for a period of 8 months. Total disk storage should not surpass 1 TiB. Allocated time is granted only to the applicant and can never be transferred to anyone else.

1. Motivate your application: why specifically do you want a Starting Grant?

Would you require CPU or GPU resources?

1. Provide information for each software package that will be used.

* If centrally installed on Tier-1 compute or a Tier-2 system within VSC, state the module name.
* If not open source software, state that the associated license can be validly used by all mandated users on Hortense. Add a copy of the signed license to this application.
* If not centrally installed, provide compilation instructions: software website, toolchain used, compilers, versions, easyconfig file for EasyBuild, …

1. Short description of the computing tasks, the software tools required, expected disk storage and memory usage. Please specify if applicable:

* whether these computing tasks use diversification (OpenMP, MPI, OpenMP + MPI (hybrid), …)
* the estimated memory use of a computing task (on Hortense maximum 512 GiB/CPU node and 256 GiB/GPU node)
* the requirements for disk storage (estimated volume in GiB and the total number of files)

*Please keep in mind to gather all data required for the efficiency table and description of the computational tasks when applying for a regular Tier-1 compute allocation later on.*

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| Don’t hesitate to consult the Tier-1 Compute support ([compute@vscentrum.be](mailto:compute@vscentrum.be)) or your local support ([www.vscentrum.be/getintouch](http://www.vscentrum.be/getintouch)) when you are preparing your application. |