

Eurolab4HPC Short Term Collaboration Grant Proposal

INSTRUCTIONS FOR COMPLETING THE PROPOSAL

Call deadline: 30/09/2018

- **Applicant info**

The call targets PhD students, post-doctoral researchers and academics looking for funding for short cross-discipline visits.

- **Mobility info**

The project typically lasts 3 months. A short term collaboration grant has a maximum budget of 5 000 EUR and will be paid as a daily allowance of 55 EUR for max. 91 days. Please note that mobility where the host and home institution are within the same country cannot be funded. Grantees are expected to go abroad. Half of the Eurolab4HPC grant will be paid upon receipt of a grant agreement signed by the grantee, the host and home institution. The second half of the grant will be paid upon submission of a public summary of the activity that will be published on the Eurolab4HPC website.

Only proposals where either the home or host institution of the applicant is a Eurolab4HPC member, are eligible for the grants. This means that e.g. PhD students, postdocs and academics working at a non-member institution, either based in or outside the European Union or Associated States are eligible for the grants on the condition that the host institution is a Eurolab4HPC member. PhD students, postdocs and academics working at a member institution can request funding to visit a non-member institution either inside or outside the European Union and Associated States. Mobility between Eurolab4HPC members is also eligible. A list of Eurolab4HPC members can be found on <https://www.eurolab4hpc.eu/community/>.

- **Describe the work to be performed**

The objective of the instrument is to foster tight integration among research teams from multiple communities working across all levels: hardware, architectures, programming and applications, in alignment with the goals of the Eurolab4HPC Vision. Each proposal should contain representatives from multiple research communities across the whole system stack, including strong commitment from the user communities. The grants will provide funding for short cross-discipline visits, targeted at PhD students, post-doctoral researchers and academics to work on a common project in different layers of the compute stack. Funding is available for independent small studies and benchmarking activities to capture requirements, metrics and opportunities to improve the platforms and technologies.

Maximum length in proposal: 1/2 page

Score: 1-5

Threshold: 3

Weight: 2

- **Describe the relevance to HPC**

Maximum length in proposal: 1/2 page

Score: 1-5

Threshold: 3

Weight: 1

- **Describe the cross cutting and innovation potential**

Describe how the project is aligned with the goals of the Eurolab4HPC vision and how it will contribute to the development of competitive new hardware/software technologies based on up-coming new technologies.

Maximum length in proposal: 1/2 page

Score: 1-5

Threshold: 3

Weight: 2

- **Proposed start and end date of the mobility**

The funding period after proposal acceptance is expected to start at the earliest on 15 November 2018. The call will close on 30 September and the review process will take approximately 6 weeks after the call deadline. Notifications will be sent out on 15 November. Once the proposal has been approved, a grant agreement signed by grantee, the host and the home institution needs to be submitted to Eurolab4HPC. The first half of the grant will be paid upon receipt of this signed agreement. The second half of the grant will be paid upon submission of a public summary of the activity that will be published on the Eurolab4HPC website. All mobility is expected to end before 31 December 2019.

- **Eurolab4HPC may announce the mobility**

After completing the mobility, a public summary has to be drafted and delivered to Eurolab4HPC. This abstract will be published on the website. If permission is given, Eurolab4HPC may publish the name of the grantee, the title, home and host institution of the mobility already when the funding has been approved.

Short Term Collaboration Grant proposal selection and granting rules:

The Eurolab4HPC Steering Committee (SC) will check all incoming proposals for eligibility. The eligible proposals will be evaluated by a sufficient number of independent experts, who will be appointed by the SC for each short term collaboration grant call. By default, each proposal shall be reviewed by two independent experts. The independent experts will, after signing an NDA, evaluate the proposals remotely w.r.t. the above criteria and will report their results to the SC. The SC will prepare a ranking list of proposals according to their total weighted average scores. Proposals with a sub-threshold score in at least one criterion after averaging the individual reviewer scores will be excluded.

In case of ties, the following secondary ordering criteria shall apply:

1. Higher average score on "cross cutting and innovation potential"
2. Higher average score on "work to be performed"
3. TTP involves a new EU member state
4. TTP involves a company

Finally, the SC will decide on the which proposals will be funded in top-down fashion according to the ranking list. proposals will be accepted until the total call budget is exhausted.