PRACE-ICEI Call for Proposals

Application Form

|  |  |
| --- | --- |
| **Project name** |  |
| Research field |  |

**Principal Investigator (PI)**

|  |  |
| --- | --- |
| Title (Dr, Prof, etc)^ |  |
| Last name |  |
| First name |  |
| Organisation name\* |  |
| Department\* |  |
| Group\* |  |
| Country |  |
| Email$ |  |

^PostDoc position is required to access CSCS resources.

\*Example:

* University of Amsterdam
* Department of Physics
* Molecular Physics Group

$this is the email that will be used for further communication from PRACE on the project, please use your institutional email address

**IMPORTANT NOTICE**

All of the sections and subsections below **MUST BE COMPLETED** (unless stated otherwise). In case you wish to leave a section empty, please provide a reason.

**The structure and formatting settings of this template must be preserved and respected.**

**Instruction paragraphs can be removed from the proposal text.**

**Please send a single document**, based on the present template, in PDF format **without exceeding 8 MB**.

# Scientific goals and objectives

Provide a short (max 200 words) description of the scientific/societal/technological importance of your project including how ICEI resources will help you achieve your goals and what the major expected outcomes are.

Please include also a paragraph (max 200 words) on the progress with respect to state of the art and scientific impact of the project.

If it is a request for additional allocation time or resources from a previous project, please make sure you specify what has been already achieved and why extra resources/time are needed.

<Enter your text here>

# Requested resources

List here the ICEI resources (and centre) you are requesting to perform your project. Please refer to the call text for a description of the available services and resources and the associated limits to detail your request of the different types of resources: scalable computing services, interactive computing services, Virtual Machine services, archival data repository or active data repository. Please make sure you specify how the amount of resources has been estimated.

In case of a request for scalable computing at CSCS, it is mandatory for the applicant to provide benchmarks/scalability information of the code on Piz Daint (PRACE preparatory access can be used for this purpose).

In case you would like to request a combination of resources in a specific configuration you can contact icei-coord@[fz-juelich.de](mailto:icei-coord@fz-juelich.de) to verify the technical feasibility before submission.

<Enter your text here>

# Software and services

Please describe all software and services needed to complete your project successfully.

<Enter your text here>

# Methods, algorithms and code parallelization approach

Describe the research methods (**including a project workplan with a timeline**), algorithms, and code parallelization approach (including memory requirements) you apply for your project.

<Enter your text here>

# Data Management

Please try to address with very short answers the following questions:

What is the purpose of the data collection/generation and its relation to the objectives of the project?

What types and formats of data will the project generate/collect?

How do you plan to address the FAIR data management principles such that the data produced in this project will become findable, accessible, interoperable and re-usable.

<Enter your text here>

# Special needs

Describe any special needs you may have, e.g. in terms of third-party software.

<Enter your text here>

# Other

Where did you find out about the call? Please select as appropriate:

🗆 PRACE website

🗆 FENIX website

🗆 Social media

🗆 Mailing list/newsletter

🗆 FENIX webinar

🗆 Presentation at a conference/event

🗆 Colleague

🗆 Other, please specify…….