

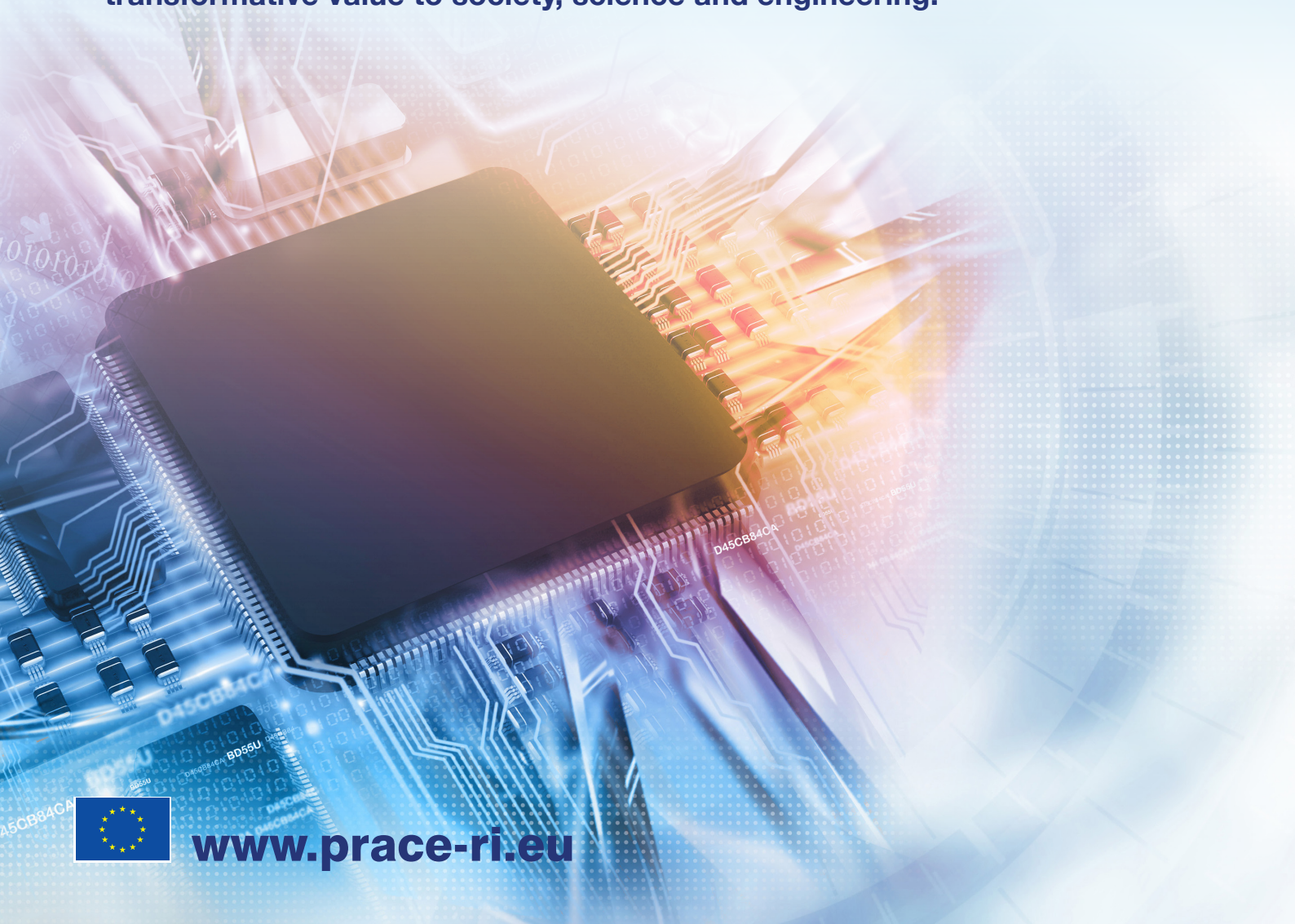
PRACE Access



THE PARTNERSHIP FOR ADVANCED COMPUTING IN EUROPE

How to Get Access to PRACE Tier-0 Systems

The mission of PRACE (Partnership for Advanced Computing in Europe) is to enable high-impact scientific discovery as well as engineering research and development across all disciplines, in order to enhance European competitiveness for the benefit of society. To achieve this, PRACE provides access to state-of-the-art Tier-0 resources and services for research projects that have transformative value to society, science and engineering.



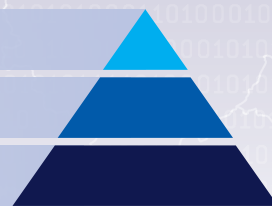
www.prace-ri.eu

PRACE Access

TIER-0 Systems Operated by Hosting Members (HM)

TIER-1 Systems operated by hosting and non-hosting members at the national level

TIER-2 Systems operated at the level of individual research institutions



PRACE Systems are available to Academic and Industrial Scientists and Researchers Around the World Through 2 Forms of Access:

- Project Access is intended for individual researchers or research groups, including multi-national research groups, and can be used either for 1-year production runs or for 2- or 3-year (Multi-Year Access) production runs. Proposal submissions are accepted in response to bi-annual calls.
- Preparatory Access is a short-term access to resources, intended to obtain the performance data required to prepare proposals for Project Access (Type A), and code-enabling and porting (Types B, C, D). The call for applications for Preparatory Access Types A and B is continuous. However, where support from PRACE experts is requested (Types C and D), applications are evaluated in batches by certain cut-off dates (currently 1 March, 1 June, 1 September & 1 December each year).

Project Access Call for Proposals

PRACE has two Project Access calls for proposals per year, in spring and autumn. The deadline for submitting proposals is currently 8 weeks after the call opens. The main criterion for a proposal to be successful and awarded resources is scientific excellence with the potential for high European and international impact. Furthermore, proposals should be novel in concept and potentially develop an important scientific topic of major relevance to European research.

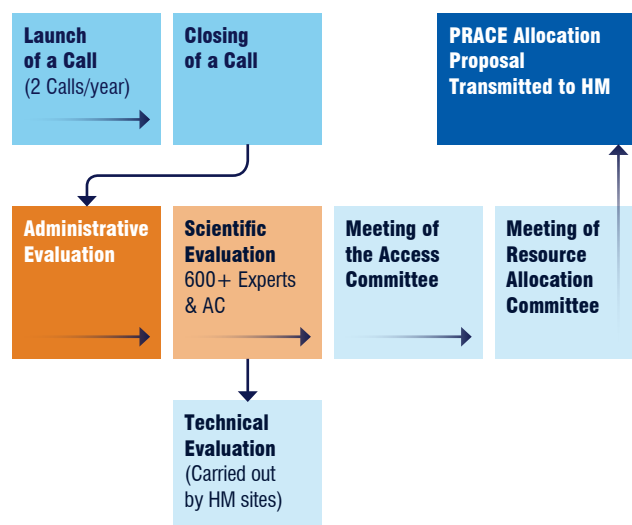
For more information on how to apply for access to PRACE resources, go to www.prace-ri.eu/how-to-apply and see the Application Guide (www.prace-ri.eu/IMG/pdf/PRACE-Guide-for-Applicants-to-Tier-0-V2016.pdf).

Additionally, Small and Medium Enterprises can access PRACE resources through the PRACE SME HPC Adoption Programme in Europe (SHAPE) programme. Find out more: www.prace-ri.eu/shape

Applications for Preparatory Access undergo technical review only, after a brief administrative assessment.

Peer Review Process

PRACE realises its mission to offer world-class computing and data management resources and services through a Peer Review process (www.prace-ri.eu/peer-review). The sole purpose of this process is to select proposals based on the highest possible scientific standards. The first step in the Peer Review process is to subject completed proposals to an administrative assessment. After passing the administrative assessment, the proposals are subjected to both technical and scientific assessment. International experts, selected by the PRACE Access Committee (AC), review the scientific excellence of each proposal. Technical feasibility is assessed by the relevant Tier-0 sites. The resulting report is then made available to scientific reviewers and to the Access Committee (AC) for evaluation. Lastly, the proposals are ranked based on scientific excellence by the Access Committee (AC). During the Resource Allocation Session (RAS), scientific ranking is combined with technical constraints on PRACE resources to prepare the final recommendation of the PRACE Board of Directors (BoD). The overall Peer Review process is supervised by the PRACE Scientific Steering Committee (SSC).



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