

PRACE Scientific and Industrial Conference

Call for Posters



HPC for Innovation
when **Science** meets **Industry**

PRACE Scientific and Industrial Conference

From **10 to 12 May 2016**, PRACE will organise the third edition of its **Scientific and Industrial Conference – PRACEdays16** – under the motto **HPC for Innovation: when Science meets Industry** in Prague, Czech Republic.

The conference will bring together experts from academia and industry who will present their advancements in HPC-supported science and engineering.

Call for Posters

PRACE invites you to present the results of your research or innovation in a poster.

Submissions should take the form of an extended abstract (*one page*), detailing the novelty or originality of the science or research project and the need for HPC to accomplish the results. The forward-looking achievements should demonstrate scientific discoveries, innovation in industry or address society's grand challenges.

The number of selected posters will depend on their scientific excellence. Applicants selected for a poster will receive a free conference pass. Travel and accommodation will not be reimbursed. The standard conference fee is €60,-

PRACE supports the Women in HPC initiative (<http://www.womeninhpc.org.uk/>) which works towards equal representation in High Performance Computing. The Scientific Steering Committee and Industrial Advisory Committee of PRACE encourage female researchers and scientists to submit their contribution to both the Call for Contributions and the Call for Posters.

Topics

Applicants are invited to send in contributions from scientific or industrial domains that use HPC. Examples are (*in alphabetical order*):

- Aeronautics/Aerospace
- Astrophysics
- Automotive/Transport
- Chemistry
- Energy / Renewable Energy
- Engineering / Manufacturing / SMEs
- Environmental Sciences
- Finances
- HPC Vendors / ISV
- Life Sciences
- Material Sciences
- Mathematics
- Particle Physics
- Plasma Physics
- Oil & Gas
- Telecommunications/Electronics

The domain should be clearly indicated on the submission. If several domains apply, the main one should be indicated, with the secondary domain(s) in brackets.

Submissions

IMPORTANT

Please submit the **submission form** as well as the **one-page abstract** and your **short CV** in WORD format (.doc or .docx) to submissions-pracedays@prace-ri.eu. You may use an extra page for the application details. The minimum font size that you can use is 12 point. Send us a recent photo of yourself as a separate file (high-resolution .jpg or similar). The submission (excluding photo) must not exceed 8MB and address all of the points below. The deadline for submission of contributions is **29 November 2015**, 12:00 (noon) CET.

Submissions should include:

- A meaningful title for your contribution.
- The details of the author and co-authors: Name and contact details, photo and a brief CV/biography of the (main) author especially his/her current position and area of interest. Please note that the CV/biography should be short (about ¼ page in minimum 12 point font type).
- The main domain and possible sub-domains to which the presentation pertains.

The **one-page abstract** should include:

- A description of the novelty / originality of the science/research project.
- A description of the need for HPC / how HPC was instrumental in obtaining the results.
- A forward-looking statement demonstrating scientific discoveries, innovation in industry or addressing society's grand challenges.

For examples see <http://www.prace-ri.eu/pracedays15-presentations/>.

Submissions as well as the resulting posters should be tailored to a wide audience, using layperson's terms and examples where possible.

All applicants, whether successful or not, will be notified by **21 January 2016**. Successful applicants need to send a high-resolution PDF by **2 February 2016** for printing **or** bring their poster with them printed in colour on A1 sized paper.

Criteria for selection

The PRACE Conference Programme Committee, consisting of members of the PRACE Scientific Steering Committee (SSC) and the PRACE Industrial Advisory Committee (IAC) will review all submissions with the goal of selecting excellent posters across as wide a range of scientific and industrial domains as possible.

Submissions will be assessed based on the following criteria:

- Novelty / originality of the science/research project.
- The need for HPC to accomplish the results and the way this is highlighted.
- The forward-looking achievements in scientific discoveries or in innovation in industry that should lead to solutions for society's grand challenges.

Award for Best Poster

The poster session is the perfect venue to share a provocative opinion, interesting established or preliminary work, or a cool idea that will spark discussion. There will be a dedicated Poster Session during which poster presenters can discuss their work, get exposure, and receive feedback from attendees.

All selected posters will be entered into the contest for Best Poster. Review of the posters will take place on **Tuesday 10 May 2016** during the **Poster Session**. The PRACE Scientific Steering Committee (SSC) and PRACE Industrial Advisory Committee (IAC) will review the posters and listen to short talks by the poster authors to assess the quality of the posters. Poster authors should be available to explain their poster during the poster session. Posters that do not have their author present will not be considered.

The Award for Best Poster consists of a diploma and a token prize, as well as a voucher for € 1 500 which can be used to attend an HPC training or conference (based on reimbursement of real costs).

Publication

In co-operation with the author, PRACE will publish the abstracts of the selected posters on the conference webpage of the PRACE website (<http://www.prace-ri.eu/PRACEdays16>) together with a photo and details of the presenter (name, institution, country, short biography). An example of how this is done can be found here: <http://www.prace-ri.eu/PRACEdays15>.