



PRACE Annual Report 2018 – New Year, New Style

The [online version](#) of the Partnership for Advanced Computing in Europe (PRACE) Annual Report 2018 is now available. This edition includes some new elements, making for a new, more corporate style to differentiate the PRACE Annual Report from the PRACE Digest, another publication highlight each year. The paper version will be available at [PRACEdays19](#), which will be held from 14 to 16 May 2019 in Poznań, Poland, for the fourth time under the umbrella of the [EuroHPC Summit Week](#).

PRACE Annual Report 2018 strives to give a voice to the people making HPC into the essential scientific and industrial tool it is, and those who use that tool to come to the achievements that provide answers to today's societal grand challenges. Meet the biochemist, the drug discoverer, the ocean modeller, the physicist, and the fluid dynamicist, as well as the High-Level Support Teams (HLST) who helped them to do what they do best.

Serge Bogaerts, PRACE Managing Director, highlights that “HPC is becoming more and more a global theme. While the different regions are all in the race towards exascale and towards the largest and fastest systems, a lot of co-operation and exchange is happening as well.” An interview with John Towns, principal investigator and project director at XSEDE, provides some insights into the international co-operation between PRACE and its global partners.

The Annual Report highlights the **renewed membership of Austria**. “The PRACE Council is very pleased to welcome Austria as a member of PRACE and is looking forward to a fruitful collaboration. By joining PRACE, Austria gives a strong signal that it supports the scientific and industrial application of HPC at the highest level. The Austrian research community will benefit in many ways by having access to the top of the European HPC ecosystem,” said **Prof. Dr. Dr. Thomas Lippert, Chair of the PRACE Council**, who himself is interviewed for this edition and shares his thoughts on EuroHPC and the future of PRACE.

To make the PRACE Annual Report into a more corporate publication, new sections and elements have been added, such as an overview of the structure of PRACE aisbl, a list of the PRACE members, and an overview of the project collaborations PRACE is involved in, with extra attention for the PRACE Implementation Phase Projects and the European Extreme Data and computing Initiative, two EU-funded projects that PRACE co-ordinates.

About PRACE

The Partnership for Advanced Computing in Europe (PRACE) is an international non-profit association with its seat in Brussels. The PRACE Research Infrastructure provides a persistent world-class high performance computing service for scientists and researchers from academia and industry in Europe. The computer systems and their operations accessible through PRACE are provided by 5 PRACE members (BSC representing Spain, CINECA representing Italy, ETH Zurich/CSCS representing Switzerland, GCS representing Germany and GENCI representing France). The Implementation Phase of PRACE receives funding from the EU's Horizon 2020 Research and Innovation Programme (2014-2020) under grant agreement 730913. For more information, see www.prace-ri.eu

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