



PRACE informed next generation of scientists about HPC in Europe at EUCYS 2018

For the third time PRACE took part with a booth at the exhibition and as sponsor of the special award in Computational Science at the [European Union Contest for Young Scientists \(EUCYS\)](#) which celebrated its 30th edition in Dublin, Ireland from 15 September to 18 September 2018. The contest is managed by the Directorate-General for Research and Innovation of the European Commission in cooperation with a different host country each year. The contest seeks to support national efforts to attract young people to study science, technology, engineering and mathematics (STEM), so they eventually choose careers in science and research.

In co-operation with PRACE Member [Irish Centre of High-End Computing \(ICHEC\)](#), the booth team informed the participants and visitors of EUCYS about HPC Research Infrastructure in Europe and the Training possibilities provided by PRACE Training Centers.

Monday 17 September was dedicated to high-school classes visiting the exhibition. The PRACE booth team had good interaction with high-school students to explain the use of supercomputers in different research domains. Different PRACE info materials such the PRACE factsheets about PRACE, What is HPC, and Training/Education activities, and an Infographic video about High Performance Computing were provided to the booth visitors.

On Tuesday 18 September 2018 the award ceremony of EUCYS 2018 took place and PRACE was delighted to hand over the award in Computational Science to Filip Kučerák from Slovakia for his project "Trevo: Trees as a results of an algorithm". Trevo is an application that uses a genetic algorithm in combination with a simple genome data structure to recursively create simple plants. The winner will visit the supercomputer facilities of PRACE member, [University of Luxembourg](#). Overall the scientific jury had to select the winners of the various awards from 88 projects.. The awardees of the different prizes were chosen from 135 promising scientists aged 14 to 20 from 38 countries and the European schools. The EUCYS top awards were presented by the Irish Minister of Higher Education Mary Mitchell O'Connor, and by Wolfgang Burtscher, the Commission's Deputy Director General for Research and Innovation.

"It was a pleasure to attend the EUCYS event this year in Dublin. The variety of projects and the dedication and enthusiasm of the participants was very impressive - the future of European science is in good hands! I would like to particularly congratulate the PRACE award winner, Filip Kučerák from Slovakia - his project 'Trevo: Trees as a result of an algorithm' was fascinating and truly innovative." said Sinéad Ryan, Chair of the PRACE Scientific Steering Committee.

EUCYS gave again an excellent platform to so many talented young scientists to be celebrated and honoured for their research work. Finally, EUCYS 2019 hosting partner Bulgaria was announced.

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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