




DARE ^{OF} THINK _{THE} IMPOSSIBLE.

HPC – High Performance Computing

Save the Planet ★ Reach for the Stars ★ Improve Healthcare ★ Weather the Storm



Imagine all the most powerful instruments of science combined into one.

PRACE – Partnership for Advanced Computing in Europe – Europe’s Supercomputing Network.

Today PRACE powers some of the most exciting research, experiments and simulations in astrophysics, engineering, energy, the environment, medicine, computer science, and more.

- ▶ A telescope that lets us see the entire universe.
- ▶ A particle accelerator that lets us explore the quantum world of the very small.
- ▶ A reactor that lets us see the inside of stars.
- ▶ A “time machine” that recreates the past to help us predict the future.

HPC – High Performance Computing

Supercomputers are used to solve extremely complex mysteries, like predicting earthquakes, exploring the birth of stars or modelling the human brain. What can you do with it?

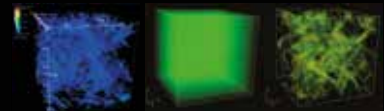


@Forschungszentrum Juelich, Germany

The possibilities are limited by only one thing. Your imagination!

HPC in astrophysics

Dr. Turlough Downes dared to think the impossible. His research team investigates the mysteries of star formation with supercomputers.



Where will your imagination take you?



PRACE welcomes you to dare to think the impossible. Be open to explore problems, and dream up solutions that will make our world a better place. Supercomputing may just be what helps you make those dreams come true.

Don't be afraid to explore. Visit us at www.daretothinktheimpossible.com to find out more.



This project has received funding from the European Union Seventh Framework Programme (FP7/2007– 2013) under grant agreement n° 283493.