



# CALLING LATE STAGE UNDERGRADUATES AND EARLY STAGE POSTGRADUATES



# SUMMER OF HPC

**Would you like to spend the summer working abroad at a European High Performance Computing (HPC) Centre?**

**Have you got an interest in programming and are eager to improve your skills?**

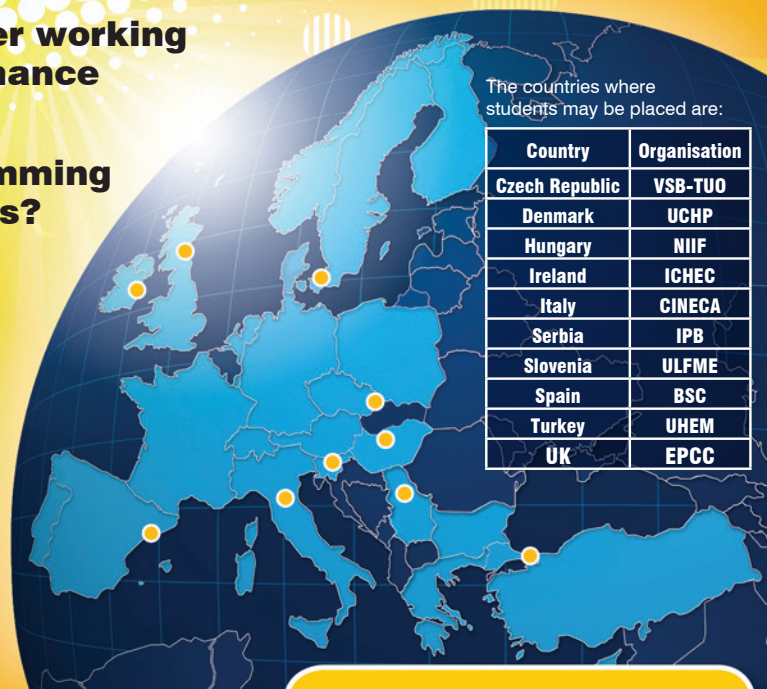
**Have you a passion for visualising data in novel ways to grab the attention of the general public?**

**Have you a desire to learn and share your knowledge of HPC through blogging, video creation and use of social media?**

If you have answered yes to any of these questions then the Summer of HPC is for you. Read on to find out more information about the programme.

The countries where students may be placed are:

Country	Organisation
Czech Republic	VSB-TUO
Denmark	UCHP
Hungary	NIIF
Ireland	ICHEC
Italy	CINECA
Serbia	IPB
Slovenia	ULFME
Spain	BSC
Turkey	UHEM
UK	EPCC



## ABOUT SUMMER OF HPC

Summer of HPC is a PRACE programme that offers summer placements at HPC centres across Europe. Up to twenty top applicants from across Europe will be selected to participate. Participants will spend two months working on projects related to PRACE technical or industrial work and produce a visualisation or video of their results. The programme will run from July 1st to August 30th, with a kick-off training week in Edinburgh attended by all participants. Flights, accommodation and a stipend will be provided to all successful applicants; all you need to bring is your interest in computing and some enthusiasm! Prizes will be awarded for the best participants.

## PARTICIPATING IN SUMMER OF HPC

Applications are welcome from all disciplines. Previous experience in HPC is not required, as training will be provided. Some coding knowledge is a prerequisite but the most important attribute is a desire to learn, and share, more about HPC. A strong visual flair and an interest in blogging, video blogging or social media are desirable. Applications will open at the end of January 2013.

## 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 (RI) provides a persistent world-class High Performance Computing (HPC) service for scientists and researchers from academia and industry. The Implementation Phase of PRACE receives funding from the EU's Seventh Framework Programme (FP7/2007-2013) under grant agreements n° RI-283493 and n° RI-312763.

**HPC** is the application of the world's fastest computers (super computers) to computationally intensive problems. Some common applications include astrophysics, climatology, health sciences, biomedical science, and engineering.

Further information on the application process will be delivered through the Summer of HPC Blog: [www.summerofhpc.prace-ri.eu](http://www.summerofhpc.prace-ri.eu), Facebook: [www.facebook.com/SummerofHPC](http://www.facebook.com/SummerofHPC) and Twitter: [www.twitter.com/SummerofHPC](http://www.twitter.com/SummerofHPC).