FOR IMMEDIATE RELEASE
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Announcing the third EU-U.S. Summer School on HPC Challenges in Computational Sciences, June 24-28, 2012, Dublin, Ireland

The U.S. National Science Foundation's Extreme Science and Engineering Discovery Environment (XSEDE) project and the European Union Seventh Framework Program's Partnership for Advanced Computing in Europe (PRACE) are pleased to announce the third International Summer School on High Performance Computing (HPC) Challenges in Computational Sciences, June 24-28, 2012, in Dublin, Ireland.

After the success of summer schools in Catania, Sicily, in 2010 and in South Lake Tahoe, California, in 2011, the third summer school will take place in Dublin, the capital of the "Green Island."

The summer school is designed to foster international and multidisciplinary research collaborations with U.S. and European graduate and postdoctoral scholars. Leading American and European computational scientists and HPC technologists will present a variety of topics, including:

- An overview of EU and U.S. cyberinfrastructure
- HPC challenges by discipline (e.g., bioinformatics, computer science, chemistry, and physics)
- HPC Programming Proficiencies
- Performance Analysis & Profiling
- Algorithmic Approaches & Numerical Libraries
- Data Intensive Computing
- Scientific Visualization

The expense-paid program will benefit advanced scholars from European and U.S. institutions who currently use HPC to conduct research.

Further information and application: **https://www.xsede.org/web/summerschool12**

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www.prace-ri.eu
www.xsede.org

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 Implementation Phase of PRACE receives funding from the EU's Seventh Framework Programme (FP7/2007-2013) under grant agreements RI-261557 and RI-283493.

About XSEDE: The Extreme Science and Engineering Discovery Environment (XSEDE) in the U.S. is the most advanced, powerful, and robust collection of integrated digital resources and services in the world. It is a single virtual system that scientists can use to interactively share computing resources, data, and expertise. The five-year project is supported by the National Science Foundation, and it replaces and expands on the NSF's TeraGrid project.