FOR IMMEDIATE RELEASE
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Training available for students in U.S., Europe, and Japan at International Summer School on HPC Challenges in Computational Sciences

Graduate students and postdoctoral scholars in the United States, Europe, and Japan are invited to apply for the fourth International Summer School on HPC Challenges in Computational Sciences, to be held June 23-28, 2013, in New York City. The summer school is sponsored by the U.S. National Science Foundation's Extreme Science and Engineering Discovery Environment (XSEDE) project, the European Union Seventh Framework Program's Partnership for Advanced Computing in Europe Implementation Phase project (PRACE-2IP), and RIKEN Advanced Institute for Computational Science (RIKEN AICS).

Leading American, European and Japanese computational scientists and high-performance computing technologists will offer instruction on a variety of topics, including:

- Access to EU, U.S., and Japanese cyberinfrastructures
- 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 summer school will benefit advanced scholars from European, U.S., and Japanese institutions who use HPC to conduct research.

Further information and to apply for the 2013 summer school, visit
http://www.prace-ri.eu/International-Summer-School-2013
or
https://www.xsede.org/web/summerschool13

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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 PRACE computer systems and their operations are funded by the governments of the representative organizations hosting the systems. The Implementation Phase of PRACE receives funding from the EU's Seventh Framework Programme (FP7/2007-2013) under grant agreements RI-261557, RI-283493 and RI-312763. For more information, see www.prace-ri.eu.

About RIKEN AICS: RIKEN is one of Japan's largest research organizations with institutes and centers in locations throughout Japan. The Advanced Institute for Computational Science (AICS) strives to create an international center of excellence dedicated to generating world-leading results through the use of its world-class supercomputer "K computer." It serves as the core of the "innovative high-performance computer infrastructure" project promoted by the Ministry of Education, Culture, Sports, Science and Technology.

About XSEDE: The Extreme Science and Engineering Discovery Environment (XSEDE) 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 U.S. National Science Foundation. For more information, see www.xsede.org.