Announcing the Second EU/US Summer School on HPC Challenges in Computational Sciences

August 7-12, 2011—Embassy Suites, Lake Tahoe, California

The US National Science Foundation's TeraGrid, the European Union Seventh Framework Program's Distributed European Infrastructure for Supercomputing Applications (DEISA), and the Partnership for Advanced Computing in Europe (PRACE) are pleased to announce the second joint EU-US summer school on High Performance Computing (HPC) Challenges in Computational Science, August 7-12, 2011 at Embassy Suites Lake Tahoe Hotel and Resort, Lake Tahoe, California.

Sweeping views of the Sierra Nevada Mountains frame the setting for an educational experience designed to foster international and multidisciplinary research collaborations. Sixty US and European graduate and postdoctoral scholars will be selected to participate in a six-day educational and team-building program. Leading American and European computational scientists and HPC technologists will present a variety of topics, including:

- An overview of EU and US 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 EU and US institutions who currently use HPC to conduct research. Applications from qualified candidates will be accepted through April 25, 2011. Participants will be selected and notified via email by May 9, 2011.

Embassy Suites Lake Tahoe Resort

Embassy Suites Lake Tahoe Resort is located in the heart of one of the most beautiful recreational areas in North America. The region, a prominent US ski destination in winter months, provides many opportunities for summer adventure. The venue is located at the base of a popular ski resort, which offers their lift for use by summer hikers and sight-seers. Engaging nightlife, gaming, and shopping are conveniently located within walking distance.

For more information, or to apply, visit: http://www.ncsa.illinois.edu/Conferences/EUS-summerschool/.

Photos courtesy of Lake Tahoe Visitors Authority, Will Hart photographer; TeraGrid; and Embassy Suites Lake Tahoe.

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