Final Call for the HPCAC- ISC 2014 Student Cluster Competition Submission

Submission Ends November 1, 2013

Leipzig, Germany, October 7 – The HPC Advisory Council (HPCAC), a leading organization for high-performance computing research, outreach and education, and the International Supercomputing Conference (ISC'14), call on high school and undergraduate students from around the world to submit their application for the Student Cluster Competition (SCC) by November 1, 2013.

Out of the received applications, 11 teams will be chosen and given the task to build a small cluster of their design and run a series of benchmarks and applications in real-time on the ISC'14 exhibition floor. The friendly competition will conclude with an awards ceremony, recognizing all teams in different categories, on the keynote stage, in front of the conference attendees.

Why participate?

The HPCAC-ISC Student Cluster Competition is designed to introduce the next generation of students to the international high performance computing (HPC) community. This is an excellent educational opportunity for students around the world to showcase their knowledge and skillsets and to engage with leading commercial vendors.

Students who participate in these competitions find it jumpstarts their careers in technology and research. The major players in the HPC industry will also be at this event, seeking young people for their training programs and to help develop the next generation of HPC experts. The organizers have also witnessed universities using this event as a way to increase the breadth and depth of their HPC curriculums.

Team preparation prior to the competition includes working with supervisors and vendor partners to design and build a winning cluster from commercially available components. Students will have to be aware of power limitations in addition to learning the behavior and characteristics of the HPC applications.

A video of the HPCAC-ISC 2013 Student Cluster Competition is available on YouTube. Submissions details are available on the HPC Advisory Council website, as well the ISC'14 website. For more information, sponsorship and general questions please email scc@isc-events.com.

ISC | www.isc-events.com/isc14/

Organizer of the International Supercomputing Conference: Prometeus GmbH | P.O. Box 1107 | 74913 Waibstadt-Daisbach | Germany

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Sponsoring Opportunities

We offer high-tech enterprises and HPC vendors the opportunity to sponsor the SCC in a variety of ways. All sponsorship funds will flow directly into the competition, enabling the students to travel to Leipzig and participate in the competition for four days in a comfortable environment.

About ISC'14

Approaching its 29th year, ISC is the world's oldest and one of the most important conferences for the HPC community, offering a strong five-day technical program with a wide range of expert speakers and exhibits from leading research centers and vendors. A number of events complement the technical program, including Tutorials, the TOP500 Announcement, Research Paper Sessions, the Birds of a Feather (BoF) Sessions, Research Poster Session, Exhibitor Forums, Workshops and the popular Vendor Showdown" featuring leaders from industry and research centers.

ISC'14 is open to IT-decision makers, scientists, members of the HPC global community and other interested parties. The ISC exhibition allows analysts, decision-makers from the automotive, defense, aeronautical, gas & oil, banking and other industries as well as solution providers, data storage suppliers, distributors, hardware and software manufacturers, the media, scientists and universities to see and learn firsthand about new products, applications and technological advances in the supercomputing industry today.

About the HPC Advisory Council

The HPC Advisory Council's mission is to bridge the gap between high performance computing use and its potential, bring the beneficial capabilities of HPC to new users for better research, education, innovation and product manufacturing, bring users the expertise needed to operate HPC systems, provide application designers with the tools needed to enable parallel computing, and to strengthen the qualification and integration of HPC system products. For more information about the HPC Advisory Council, please visit www.hpcadvisorycouncil.com.

Contact:

HPC Advisory Council
Brian Sparks, +1-408-970-3400
info@hpcadvisorycouncil.com

Nages Sieslack (ISC'14 PR Manager)
+49-621-180686-16
nages.sieslack@isc-events.com

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