

## **PRESS RELEASE**

---



### **Contacts:**

#### **HPC Advisory Council**

Brian Sparks

408-970-3400

[info@hpcadvisorycouncil.com](mailto:info@hpcadvisorycouncil.com)

### **HPC Advisory Council and the ISC High Performance Conference Announce University Teams for HPCAC-ISC 2015 Student Cluster Challenge**

*Student teams from around the world to compete and demonstrate the incredible capabilities of state-of-the-art high-performance cluster hardware and software during the ISC 2015 conference*

**Sunnyvale, Ca. – Dec. 1, 2014** – The HPC Advisory Council (HPCAC), a leading organization for high-performance computing research, outreach and education, and ISC High Performance, formerly known as the International Supercomputing Conference, today announced the 11 university teams from around the world for the [HPCAC-ISC 2015 Student Cluster Competition](#) during the ISC 2015 program of events. University-based teams to compete and demonstrate the incredible capabilities of state-of-the-art HPC systems and applications on the ISC 2015 show-floor will be the following:

- A combined team of students from Purdue University, United States and Universidad EAFIT, Columbia
- Chemnitz University of Technology, Germany
- University of Hamburg, Germany
- University of São Paulo, Brazil
- Jamia Millia Islamia, India
- University of Tartu, Estonia
- Universitat Politècnica de Catalunya (UPC), Spain
- University of Science and Technology of China (USTC), China
- A university to be determined in a run-off competition via the Centre for High Performance Computing (CHPC), South Africa

- Two additional university teams from China to be determined in a run-off competition via the Asia Student Cluster Competition (ASC) in early 2015

In a real-time challenge, the 11 teams of undergraduate students will build a small cluster of their own design on the ISC 2015 exhibit floor and race to demonstrate the greatest performance across a series of benchmarks and applications. It all concludes with a ceremony on the main conference keynote stage to award and recognize all student participants in front of thousands of HPC luminaries.

“The HPCAC-ISC Student Cluster Competition is designed to introduce the next generation of students to the international high-performance computing community. We are pleased with the increasing worldwide mix of universities and students who are participating,” said Gilad Shainer, chairman of the HPC Advisory Council. “This exciting challenge is an excellent educational opportunity for students around the world to showcase their knowledge and skillsets and to engage with leading commercial vendors. Together, the HPC Advisory Council, ISC Group, and university teams from around the globe, all look forward to this competitive and fun challenge.”

“The HPCAC-ISC Student Cluster Competition is an opportunity to showcase the world’s brightest computer science students’ expertise in a friendly, yet spirited competition. We are very pleased to host 11 compelling university teams around the world to compete,” said Martin Meuer, managing director of the ISC Group. “We look forward to this very engaging competition at next year’s ISC High Performance conference and wish all the teams good luck.”

Team preparation prior to the competition includes working with supervisors and vendor partners to design and build a winning cluster from commercially available components not exceeding power limit, and to learn the predetermined HPC applications. For more information, sponsorship and general questions please email [scc@isc-events.com](mailto:scc@isc-events.com).

## **Sponsor the HPCAC-ISC Student Cluster Competition and become an advocate for the future of HPC:**

The HPC Advisory Council and ISC together [offer](#) high-tech enterprises, which utilize the power of HPC in their business, 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 Frankfurt and participate in the competition for four days in a comfortable environment. For more [information](#), sponsorship and general questions please email [scc@isc-events.com](mailto:scc@isc-events.com).

### **Supporting Resources:**

- Learn more about the [HPCAC-ISC Student Cluster Challenge](#)
- Learn how your company can [sponsor](#) the next generation of HPC talent
- Follow the HPC Advisory Council on [Twitter](#) and [Facebook](#)

### **About ISC High Performance**

Now in its 30th 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, Workshops, TOP500 Announcement, Research Paper Sessions, Birds of a Feather (BoF) Sessions, Research Poster Session, Exhibitor and Start-up Forums and the popular "Vendor Showdown" featuring leaders from industry and research centers.

ISC 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; 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 (HPC) 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](http://www.hpcadvisorycouncil.com).