

PRESS RELEASE



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The University of Colorado at Boulder Sponsored by the HPC Advisory Council Receives SC'10 Student Cluster Competition Fan Favorite Award

*Year-Round HPC Advisory Council Support Program Extends High-Performance
Computing Education and Experience*

Sunnyvale, CA. – Dec. 6, 2010 – The HPC Advisory Council, a leading worldwide organization for high-performance computing research, development, outreach and education, today announced that the Student Cluster Competition team from the University of Colorado has received the Fan Favorite Award. The award was given to the team with the most votes collected from SC'10 attendees throughout the three days of competition. The Student Cluster Competition is a unique opportunity for universities to increase their high-performance education, experience and partnerships with commercial vendors. The HPC Advisory Council sponsored the University of Colorado throughout the entire year in order to maximize the educational opportunities and strengthen the relationship with the student team as part of the HPC Advisory Council outreach and educational programs. The council utilized generous donations from AMD (NYSE: AMD), Dell, Fusion-io and Mellanox® Technologies (NASDAQ: MLNX; TASE: MLNX) in order to provide the University with the compute systems suitable for the competition.

“The partnership with the HPC Advisory Council and the sponsoring vendors enabled the students to develop relationships within the HPC educational and vendor community and learn from the multitude of their available talent and resources,” said Doug Smith, HPC administrator for the Laboratory for Atmospheric and Space Physics at the University of Colorado at Boulder. “It was a pleasure to work with such a vast array of expertise and

the amount our students learned in such a short period of time is invaluable to furthering their experience and careers within the HPC field.”

“One of the main goals of the HPC Advisory Council is HPC outreach and education, bringing both HPC into education and education into HPC,” said Gilad Shainer, HPC Advisory Council Chairman. “Working with the University of Colorado throughout the year was a great experience for both sides. We look forward to continuing this great collaboration and to extend our support to universities worldwide.”

The Council would like to thank AMD, Dell, Fusion-io and Mellanox Technologies for the SC'10 Student Cluster Competition support.

“We applaud the outstanding efforts of all the students, universities, and various vendors who participated in the SC10 Student Cluster Competition,” said Jay Owen, director, External Research Office, AMD. “AMD strongly believes in a collaborative, industry-wide approach to solving new computing problems like power management, heterogeneous computing and parallel programming. This program is a great way to develop interest and strong curricula in HPC and is of benefit to our entire community.”

“The annual SC Cluster Challenge represents an outstanding collaboration between industry and academia, supporting the next generation of users in building complex systems against stringent boundaries, in order to showcase our leading edge technology and capabilities with student experts in a completely live, highly competitive, environment,” said Donnie Bell, Senior Group Manager, HPC Solutions, Dell Inc.

“The close of this year’s SC challenge awarding the CU team as Fan Favorite was momentous for the entire program and a great tribute to the students,” Bell continued. “The team exemplified the core values of Council and HPC community - inclusive of donating their own sponsor equipment and assuring a competing team remained in the week long challenge. CU, the Florida A&M students and all of partners represented the best of the spirit of supercomputing - demonstrating exceptional leadership, collaboration

and collective ingenuity; altogether exceeding the challenge criteria itself and moving toward the promise for our future HPC leaders from whom we will all ultimately benefit.”

“As is the case with all transformative technologies, it's very important to take your message not just to today's industry leaders, but also the next generation of engineers who will be implementing in the field what they are innovating today in academia,” said Tyler Smith, Vice President of Alliances for Fusion-io. “We are proud of the work that the University of Colorado team accomplished under the guidance of the HPC Advisory Council, integrating Fusion’s ioMemory with leading edge technologies from Mellanox, Dell and AMD. Tomorrow's global economy depends on innovations like these, and Fusion-io is pleased to work closely with these CU students, the HPC Advisory Council and other forward-thinking organizations as they continue to engineer the future of HPC.”

“We were proud to provide the high-performance networking infrastructure for the University of Colorado’s Cluster Challenge team,” said John Monson, vice president of marketing at Mellanox Technologies. “We applaud the University of Colorado for standing out as a fan favorite during the SC’10 Student Cluster Challenge, and we are encouraged to see the HPC community foster such a vibrant program for our upcoming HPC stars.”

The University of Colorado and the HPC Advisory Council have already agreed to continue the educational relationship through 2011, sponsoring the team for the SC’11 Student Cluster Competition. Universities worldwide are encouraged to participate in the SC’11 Student Cluster competition. For equipment or support, please send a request to info@hpcadvisorycouncil.com. For more information about the council activities, please visit the [HPC Advisory Council website](#).

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.

Council Members include: 3M, 451 Group, Ace Computers, AccelerEyes, Advanced Cluster Systems, Advanced Clustering Technologies, Alces Software, Allinea Software, Altair Engineering, AMAX, AMD, ANSYS, Inc., Appro, Ashley Pittman, ATK Space Systems, ATP Electronics, Auburn University, Avago Technologies, Bay Microsystems, Blue Arc, Blue Ridge Numerics, Bright Computing, BroadGroup, Brocade, CAPS enterprise, Centre For Development of Advanced Computing (C-DAC), Centre For High Performance Computing, Centers for Disease Control and Prevention, China Meteorological Administration, CIMCORP INFORMATICA SA, C.S.I.R.O, CD-adapco, Clustercorp, ClusterVision, Codeplay Software, Colfax International, Colt Technology Services, Corning Cable Systems, Cornell University Center for Advanced Computing, Creative Consultants, DataDirect Networks, Dawning Information Industry, Dell, Dildy Enterprises, Digital Waves, Diglio A. Simoni, EDG2, Evergrid, Excludus, Eyescale Software GmbH, Federal University of Rio de Janeiro, Fermi National Accelerator Laboratory, FireDaemon, Fujian Supercomputing, Fusion-io, Gabriel Consulting Group, GigaSpaces Technologies, Gnodal, Go Virtual Nordic, GraphStream Incorporated, The George Washington University, Guizhou Normal College, HCL Infosystems, Hope College, HP, HPCTech Corporation, IBM, IBRIX, IBSSwitches.com, Inspur, Institute of Network and Information Security, Intrumental, Intalio, Intel, InterSect360 Research, IOP Publishing, IT Brand Pulse, The Israeli Association of Grid Technologies (IGT), KAUST (King Abdullah University of Science and Technology), Kinder Morgan CO2, Kirchhoff-Institute of Physics, Ruprecht-Karls University, Koi Computers Inc., Lamprey Networks, Lawrence Berkeley National Laboratory / NERSC, Lawrence Livermore National Laboratory, Leadtek Research Inc., Livermore Software Technology Corporation, Locuz Enterprise Solutions Limited, LSI Corporation, LUFAC COMPUTACION SA DE CV, Luxtera, Magma Design Automation, MBA Sciences, McGill University, Mellanox Technologies, Microsoft, Microway, University of Minnesota, Montana State University, MSC Software, National Research Center for Intelligent Computing Systems (NCIC), NEC Corporation of America, NET Consult, Netweb Technologies, Network Equipment Technologies, NEXTIO, Numascale AS, Numerical Algorithms Group, NVIDIA, Oak Ridge National Laboratory, Obsidian Strategies, OCF plc, Ohio State University, Panasas, ParTec Cluster Competence Center GmbH, PCPC Direct, Peking University, Penguin Computing, Platform Computing, Pro SYS, Provenzano Builders, Queen's University, Quellan/Intersil, Quix Computerware AG, RackMountPro, RAID, Inc., Rocky Mountain Supercomputing Centers, Inc., RNA networks, Robert Gordon University, San Diego Supercomputer Center, Scalable Graphics, Scalable Informatics, ScaleMP, Schlumberger, Science + Computing ag, Scientific Computing, Scientific Computing World, SGI, Silicon Mechanics, Simula Research Laboratory, SoftModule, Spectra Logic, Stanford University High Performance Computing Center, Performance Jones L.L.C, STFC Daresbury Laboratory, Computational Science and Engineering Department, StreamScale, Stony Brook University, Sumisho Computer Systems, Sun Microsystems, Supermicro, Swiss National Supercomputing Centre CSCS, System Fabrics Works, Terascale, Texas Advanced Computing Center, Texas Tech University, The Victorian Partnership for Advanced Computing, Transtec AG, TOTAL E&P Research and Technology USA, T-Platforms, Tyco Electronics, Tycrid, University of Edinburgh, University of Ljubljana, University of Utah Center for High Performance Computing, University of Wyoming, uSTAR, Versatus HPC, Vette Corp/Coolcentric Division, Virginia Tech University, Virtual Machine Company, VMware, Voltaire, VXTECH, University of Wisconsin Madison, Whamcloud, W.L. Gore & Associates, Wipro InfoTech, Wolfram Research, XLsoft China, Z Research

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