

The Program

Papers

The SC08 Technical Papers program is the premier forum for disseminating innovative and important advances in high performance computing, networking, storage and analysis from academic, government and corporate institutions around the world. We invite you to submit your work on all aspects of applications, architecture, grids, networks, performance and system software. A two-part submission process is being used. Submissions will be rigorously reviewed by the Papers Committee with technical soundness and timeliness as the predominant acceptance criteria. Awards will be given for Best Paper and Best Student Paper. To be considered, submitted manuscripts must be no more than 20 pages in pdf format.

Questions: papers@info.supercomp.org

Tutorials

The SC08 Tutorials program gives attendees the opportunity to explore a wide variety of important topics related to high performance computing, networking, storage and analysis. SC08 invites proposals for introductory, intermediate and advanced tutorials, either full-day (six hours) or half-day (three hours). Consider including hands-on exercises and guided-learning demos. A distinguished panel of experts will select the tutorials.

Questions: tutorials@info.supercomp.org

Panels

The SC08 Panels program invites proposals for sessions focusing on exciting topics that are both relevant and timely in today's world of supercomputing. We are looking for panels offering diverse points of view and opportunities for audience participation. As in previous years, these sessions are expected to engender lively and even passionate debate.

Questions: panels@info.supercomp.org

Posters

SC08 solicits submissions for posters displaying cutting-edge research in high performance computing, networking, storage and analysis. Posters provide an excellent opportunity for short presentations and informal discussions with conference attendees. Posters will be prominently displayed throughout the conference, giving presenters a chance to showcase their latest results and innovations. One poster will be honored with a Best Poster Award.

Students who are ACM members are also encouraged to submit posters as part of the ACM Student Research Challenge (SRC), with awards and special recognition at SC08 plus the chance to compete in the SRC grand finals.

Questions: papers@info.supercomp.org

Workshops

SC08 welcomes proposals for independently planned full-, half-, or multi-day workshops that complement the Technical Program and extend its impact by providing greater depth of focus. Proposals for workshops will be reviewed with an eye towards providing interaction and in-depth discussion of stimulating topics of interest to the HPC community.

Questions: workshops@info.supercomp.org

Birds-of-a-Feather Sessions (BOFs)

Submissions are invited for Birds-of-a-Feather sessions (BOFs), which allow conference attendees to discuss topics of mutual interest. The conference will provide meeting room facilities and post daily schedules for the BOFs, which are open to all conference attendees, including exhibitors and exhibits-only badge holders.

Questions: bofs@info.supercomp.org

Doctoral Showcase

A runaway success when it debuted at SC07, the Doctoral Showcase will return in SC08. The showcase invites Ph.D. students who will be graduating in the next 12 months to submit a short summary of their research. Presentations will be 15 minutes each to accommodate as many people as possible.

Questions: doc-showcase@info.supercomp.org

Gordon Bell Prize

Gordon Bell Prizes are awarded each year to recognize outstanding achievement in high performance computing. Now administered by the ACM, financial support of the \$10,000 award is provided by Gordon Bell, a pioneer in high performance and parallel computing. The purpose of the award is to track the progress over time of parallel computing, with particular emphasis on rewarding innovation in applying high performance computing to applications in science. The prize has been awarded

every year since 1987. Prizes may be awarded for peak performance as well as special achievements in scalability, time-to-solution on important science and engineering problems, and low price/performance. Finalists will present their results in a technical session during the conference.

Questions: gbellprize@info.supercomp.org

Disruptive Technologies

First introduced at SC06 as the Exotic Technologies Initiative, the Disruptive Technologies activity will return for SC08. Each year, DT will serve as a forum for examining those technologies that may significantly reshape the world of HPC in the next five to fifteen years, but which are not common in today's systems. Generally speaking, a disruptive technology is a technological innovation or product that eventually overturns the existing dominant technology or product in the marketplace. Disruptive Technologies will showcase these technologies in panel sessions and in a competitively selected exhibit showcase.

Questions: disruptive-techs@info.supercomp.org

Challenges

Challenges provide a way to showcase both expertise and HPC resources at SC08 in friendly yet spirited competitions with other participants. Building on prior successes, SC08 will feature four challenges.

The Bandwidth Challenge is an annual competition for leading-edge network applications developed by teams of researchers from around the globe. Past competitions have showcased multi-10gigabit-per-second demonstrations. This year's Bandwidth Challenge will focus on real-world applications and data movement issues, and will include live demonstrations across the SCinet network infrastructure.

Questions: bw-challenge@info.supercomp.org

The HPC Storage Challenge is a competition showcasing applications that use approaches that effectively utilize the storage subsystem, which is often the limiting system component. Participants must describe their implementations and present measurements of performance, scalability and storage subsystem utilization. Judging will be based on these measurements as well as innovation and effectiveness; maximum size and peak performance are not the sole criteria. Finalists will be chosen on the basis of submissions which are in the form of proposals; they will present their completed results in a technical session during the conference, at which the winners will be selected.

Questions: storage-challenge@info.supercomp.org

The Cluster Challenge will showcase the amazing power of clusters and the ability to harness open source software to solve interesting and important problems. Teams will compete in real time on the Exhibits floor, where they will run a workload of real-world problems on clusters of their own design. The winning team will be chosen based on workload accomplished, benchmark performance and overall architectural design.

Questions: cluster-challenge@info.supercomp.org

The Analytics Challenge aims to provide a forum for researchers and industry representatives to present complete solutions that embody all facets of high performance computing, such as comprehensive computational approaches, processing of large data sets, and high-end visualization technology to display results. The Analytics Challenge is a venue that also brings forth interesting applications from a wide variety of areas. Past finalists have presented solutions in areas such as orthodontics, traffic control, atomic energy, geophysics and music classification. The finalists will be chosen by a panel of judges in August 2008 and will be invited to present their submissions at SC08. The overall winner will be announced at the SC08 Awards Ceremony.

Questions: analytics-challenge@info.supercomp.org

Technology Thrusts: Energy and Biomedical Informatics

In an effort to broaden the scope of the SC program, two Technology Thrusts—in Energy and Biomedical Informatics—have been added for SC08.

The Energy Thrust will focus both on the use of HPC in renewable energy and energy efficiency research as well as the challenge of best practices and technology trends aimed at energy efficient data centers.

Questions: energy-thrust@info.supercomp.org

The Biomedical Informatics Thrust will focus on the use of Grid and HPC technologies to support translational biomedical research, computational biology, large-scale image analysis, personalized medicine and systems biology.

Questions: biomed-thrust@info.supercomp.org

SC08 Music Initiative

A new component of the conference, complementing Austin's title as the Live Music Capital of the World, will be the SC08 Music Initiative. While music and musicians may not readily come to mind when you think of SC conference attendees, it's no secret that a large number of SC attendees are also composers, musicians and music lovers, as well as scientists, mathematicians and engineers. The SC08 Music Initiative will bring together all these dimensions, add them to the conference programs, and make music an exciting and enjoyable aspect of the SC08 conference experience. If you are interested in helping create this initiative, compose, play, experiment or listen, contact us by email at sc08music@info.supercomp.org.

Education Program

The SC08 Education Program consists of an intensive program during the conference in Austin, as well as a series of summer workshops preceding the conference. The deadline for registering for the SC08 Education Program to be held in Austin during SC08 is Saturday, May 31, 2008. Registration information can be found at <http://sc-education.org>.

Information about SC08 summer workshops, including topics, schedules, locations and sign-ups, will be made available by Monday, December 3, 2007, at <http://sc-education.org>. The SC08 Education Program's summer schedule includes workshops in "Interdisciplinary Computational Science Education for Educators," "Computational Biology for Biology Educators," "Computational Chemistry for Chemistry Educators," "Computational Physics for Physics Educators," "Computing in the Humanities, Arts and Social Sciences," "Parallel and Cluster Computing, with an Emphasis on Biology and Chemistry," and "Integrating Computational Science into the Undergraduate Curriculum."

Questions: education@info.supercomp.org

The Exhibits

At SC08, industry and research exhibits from the world's leading companies and organizations are showcased in a dynamic, interactive environment. High performance computing, networking, storage, data management, scientific visualization and collaborative technology are featured.

Industry Exhibits

SC08's Industry Exhibitors will demonstrate the latest advancements in HPC technology, showcasing new hardware, software, services and innovations. Industrial exhibitors will demonstrate the future of computing and networks from the desktop to petaflops. SC08 will continue to bring together scientists, engineers, and managers (four out of five of whom influence purchasing decisions) to see new products, new technologies and the latest innovations in high performance computing, networking and related disciplines. The conference will continue the rich tradition of real-time collaborations between the industry and research exhibits.

Research Exhibits

Research exhibits provide an international venue for innovative applications of high performance computing, networking, storage and analysis from research institutions—universities, national laboratories, and non-profit research centers—on five continents. Scientists and engineers display the latest advances in computational modeling, imaging, visual analysis and data technologies. Demonstrations done in collaboration with industry partners will provide an opportunity to showcase innovative research efforts and illustrate how computing is increasing our knowledge of our universe, our planet, our environments, ourselves and the materials and forces that shape our lives.

Plenty of opportunities exist for Industry and Research Exhibitors seeking space at SC08. Exhibitors interested in participating in SC08 should contact **Hall-Erickson, Inc. at 430-434-7779** for more information.

Questions: exhibits@info.supercomp.org

Exhibitor Forum

As at previous SC conferences, a highlight of the Exhibits Program is the Exhibitor Forum. These talks showcase the latest advances of Industry Exhibitors, including new products and upgrades, recent research and development, and future plans and roadmaps. Some present case studies by their customers, who have achieved better performance, reduced time-to-market, improved reliability, or enhanced capabilities by using exhibitors' technologies. Others give insight into the technology trends driving their strategies, the potential of emerging technologies in their product lines, or the impact of adopting academic research into their development cycle. Whatever the topic, the Exhibitor Forum can tell you what's happening today and tomorrow.

Questions: exhibitor-forum@info.supercomp.org

The Extras

Seymour Cray and Sidney Fernbach Awards

The Seymour Cray Computer Science and Engineering Award recognizes innovative contributions to high performance computing systems that best exemplify the creative spirit of Seymour Cray. The Sidney Fernbach Memorial Award honors innovative uses of high performance computing in problem solving. Sponsored by the IEEE Computer Society, these prestigious honors are presented during special sessions held during the conference.

Questions: awards@info.supercomp.org

SC Your Way

SC can be an overwhelming experience for attendees, particularly first-timers. With multiple tracks in the technical program, hundreds of displays in the Exhibits Halls and thousands of people to talk to, it's easy to miss out on events important to each person. To help attendees deal with this information overload, SC Your Way will be inaugurated at SC08. The program will offer an SC "concierge service" to advise attendees both ahead of time (say you're looking for a hotel near the Austin convention center that offers two rooms that share amenities) and at the conference (such as identifying every session related to a particular topic or planning a route among the exhibits). SC Your Way will also help you make the most of your visit to Austin, informing you about the local music scene, restaurants, recreational activities and more. Information will be available both via the Internet and at a booth in the Austin Convention Center.

Questions: sc-your-way@info.supercomp.org

Broader Engagement

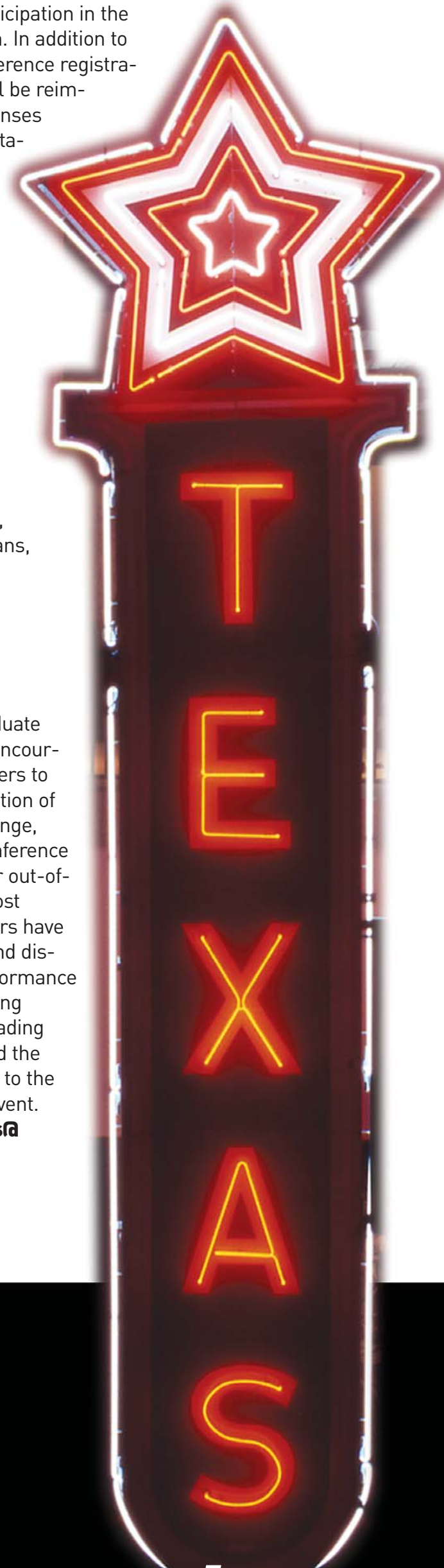
Launched at SC07, the Broader Engagement Initiative provides a number of opportunities and activities to help broaden the engagement of individuals from groups that have traditionally been under-represented in high performance computing. Participation grants will be available to support participation in the SC08 Technical Program. In addition to the complimentary conference registration, grant recipients will be reimbursed for their SC expenses for lodging and transportation, up to an agreed upon amount. Applications are encouraged from those in all computing-related disciplines, including those with backgrounds in research, education and industry. Primary consideration will be given to applicants from groups that have traditionally been under-represented in high performance computing, such as African-Americans, Hispanics, indigenous people and women.

Questions: be@info.supercomp.org

Student Volunteers

Undergraduate and graduate student volunteers are encouraged to apply as volunteers to help with the administration of the conference. In exchange, they will receive free conference registration, housing (for out-of-town volunteers) and most meals. Student volunteers have the opportunity to see and discuss the latest high performance computing and networking technology, and meet leading researchers from around the world while contributing to the success of this annual event.

Questions: student-vols@info.supercomp.org



Dates to Remember

Papers/Gordon Bell Prize
Abstracts Due: **Friday, April 4, 2008**
Papers Due: **Monday, April 7, 2008**
Notification: **Monday, June 30, 2008**

Tutorials/Workshops/Panels
Due: **Monday, April 7, 2008**
Notification: **Monday, June 30, 2008**

Posters/Doctoral Showcase/BOFs/Challenges
Due: **Thursday, July 31, 2008**
Notification: **Monday, August 18, 2008**

Disruptive Technologies
Due: **Saturday, May 31, 2008**
Notification: **Monday, June 16, 2008**

Seymour Cray Memorial Award and Engineering Award
Nominations Open: **Thursday, May 1, 2008**
Nominations Due: **Monday, June 30, 2008**

Student Volunteers/Broader Engagement
Applications due: **Friday, August 1, 2008**
Notification: **Friday, September 5, 2008**

Education Program
Applications for the on-site program due: **Saturday, May 31, 2008**
Exhibitor Forum
Applications due: **Friday, August 1, 2008**

SC08 Committee Members

SC08 Core Committee

General Chair, Patricia J. Teller
The University of Texas at El Paso

Executive Director, Barry V. Hess
Sandia National Laboratories

Executive Assistant, Cecilia G. Aragon
University of New Mexico

Executive Assistant, Sheryl Hess
Sandia National Laboratories

Conference Vice Chair, James R. McDrow
Lawrence Livermore National Laboratory

Deputy General Chair, Wilfred Pinfold
Intel Corp.

Technical Program Chair, Adolffy Hoisie
Los Alamos National Laboratory

Infrastructure Co-Chair, Jackie Kern
National Center for Supercomputing Applications

Infrastructure Co-Chair, Eric Sils
North Carolina State University

Communications Chair, Jon Bashor
Lawrence Berkeley National Laboratory

Finance Chair, Beverly Clayton
Pittsburgh Supercomputing Center

Exhibits Co-Chair, David Cooper
Lawrence Livermore National Laboratory

Exhibits Co-Chair, Becky Verastegui
Oak Ridge National Laboratory

SCinet Chair, Patrick Dorn
National Center for Supercomputing Applications

Education Chair, Paul Gray
University of Northern Iowa

Broader Engagement Chair, Tony Baylis
Lawrence Livermore National Laboratory

20th Anniversary Activities Chair, John W. Cobb
Oak Ridge National Laboratory

Energy Technology Thrust Co-Chair, Steven Hammond
National Renewable Energy Laboratory

Energy Technology Thrust Co-Chair, Horst Simon
Lawrence Berkeley National Laboratory

Biomedical Informatics Technology Thrust Co-Chair, Joe Satta
The Ohio State University

Raimond Winslow
Johns Hopkins University

Music Initiative Chair, Bill Boas
System Fabric Works

VP Liaison, Andrew Bernat
Computing Research Association

Logistics and Integration Chair, Jim Costa
Lawrence Livermore National Laboratory

IEEE Liaison, Anne Marie Kelly
IEEE Computer Society

ACM Liaison, Donna Cappo
ACM

ACM Liaison, Jessica Fried
ACM

Technical Program Committee
Deputy Technical Program Chair, William Grop
University of Illinois, Urbana-Champaign

Technical Papers
Technical Papers Co-Chair, Darren J. Kerbyson
Los Alamos National Laboratory

Technical Papers Co-Chair, Dhabealeswar K. (DK) Panda
The Ohio State University

Technical Papers Area-Chairs:
Applications, Srinivas Aluru
Iowa State University

Architecture, William W. Carlson
IDA/CSS

Grids, Satoshi Matsuoka
Tokyo Institute of Technology

Networks, Craig Stunkel
IBM T.J. Watson Research Center

Performance, John Gustafson
Clearspeed

System Software, William Grop
University of Illinois, Urbana-Champaign

Tutorials
Tutorials Co-Chair, Barton Miller
University of Wisconsin

Tutorials Co-Chair, Jose L. Munoz
National Science Foundation

Masterworks
Masterworks Co-Chair, James Ang
Sandia National Laboratories

Masterworks Co-Chair, Thom Dunning
National Center for Supercomputing Applications

Posters
Posters Co-Chair, Elmootazbeliah Elmoazay
IBM Corp.

Posters Co-Chair, Anne C. Elster
Norwegian University of Science and Technology

Panels
Panels Co-Chair, Trish Damkroger
Lawrence Livermore National Laboratory

Panels Co-Chair, Charles Koelbel
Rice University

Doctoral Showcase
Doctoral Showcase Chair, Jeffery A. Kuehn
Oak Ridge National Laboratory

Plenary Talks
Plenary Talks Chair, Thomas Zacharia
Oak Ridge National Laboratory

Disruptive Technologies
Disruptive Technologies Chair, Mark Seager
Lawrence Livermore National Laboratory

Challenges
Challenges Chair, Manuel Vigil
Los Alamos National Laboratory

Cluster Challenge Coordinator, Brent Gorda
Lawrence Livermore National Laboratory

Storage Challenge Coordinator, Raymond L. Paden
IBM Corp.

Bandwidth Challenge Coordinator, Stephen Q. Lau
University of California, San Francisco

Analytics Challenge Co-Coordinator, Tim Leite
Visual Numerics

Analytics Challenge Co-Coordinator, Paul Fussell
Boeing

Workshops
Workshops Co-Chair, Mary Hall
University of Southern California/Information Sciences Institute

Workshops Co-Chair, Harvey Wasserman
NERSD/Lawrence Berkeley National Laboratory

BOFs
BOFs Co-Chair, Jack Donagarr
University of Tennessee

BOFs Co-Chair, Jeffrey K. Hollingsworth
University of Maryland

BOF Committee Members
Robert Lucas, University of Southern California/Information Sciences Institute

Bernd Mohr, Forschungszentrum Juelich

Awards
Awards Chair, Bob Meisner
National Nuclear Security Administration

Exhibits Committee
Industry Exhibits Chair, L. Eric Greenwade
Lawrence Livermore National Laboratory

Exhibits Management, Paul Graler
Hall-Erickson Inc.

Exhibits Management, Mike Weil
Hall-Erickson Inc.

Research Exhibits Chair, Blaise M. Barney
Lawrence Livermore National Laboratory

Logistics and Decorating, Jeff Long
Freeman

Logistics and Decorating, Darryl Monahan
Freeman

Exhibitor Forum Chair, Barbara Horner-Miller
Arctic Region Supercomputing Center

Kathy Turnbaugh
Lawrence Livermore National Laboratory

SCinet Committee
SCinet Vice Chair, Wayne Wedemeyer
University of Texas System

SCinet Architecture Chair, Charles D. Fisher
Oak Ridge National Laboratory

SCinet Bandwidth Challenge Chair, Stephen Q. Lau
University of California, San Francisco

SCinet WAN Coordinator, Wayne Wedemeyer
University of Texas System

SCinet IP Services Chair, Rex Duncan
Oak Ridge National Laboratory

Communications Committee
Communications Vice Chair, Ann Redelfs
Redelfs LLC

Graphics and Website Designer, Carlton Bruett
Carlton Bruett Design

Final Program Coordinator, Karen Green
Renaissance Computing Institute

SC Your Way Chair, Cheri M. Pancake
NACSE/Oregon State University

Newsletter Coordinator, Lauren Rotman
Internet2

Writer/Editor, Cheryl Drugan
Argonne National Laboratory

Writer/Editor, John West
DOD HPC Modernization Program

Media Registration/Media Room Coordinator, Betsy Riley
Oak Ridge National Laboratory

Technical Program Liaison/Proceedings Chair, Charles Koelbel
Rice University

Rice University
Submission and Committee Management, John Konkke Linkings, LLC

20th Anniversary Activities Committee
Vivian Benton
Pittsburgh Supercomputing Center

Beverly Clayton
Pittsburgh Supercomputing Center

Fred Johnson
Department of Energy Office of Science

Mike Madero
AVETEC

Gina Morello
NASA Ames Research Center

Charles Peck
Earlham College

SC Your Way Committee
Christy Adkinson
Cray Inc.

John W. Cobb
Oak Ridge National Laboratory

L. Eric Greenwade
Lawrence Livermore National Laboratory

Barbara Horner-Miller
Arctic Region Supercomputing Center

G.M. 'Zak' Kozak
Ohio Supercomputer Center

Becky Verastegui
Oak Ridge National Laboratory

Education Committee
Deputy Chair, Tom Murphy
Contra Costa College

Pathways Physics, Dave Joiner
Kean University

Pathways Biology, Jeff Krause
Shodor Education Foundation

Pathways Parallel Computing, Tom Murphy
Contra Costa College

Pathways Parallel Computing, Charles Peck
Earlham College

Pathways Parallel Computing, Dave Joiner
Kean University

Pathways Chemistry, Shawn Sendlinger
North Carolina Central University

Pathways Mathematics, Dan Warner
Clemson University

Pathways Grid Technologies, Scott Lathrop
University of Chicago/Argonne National Laboratory

Earlham College
Advising and Organization, Kevin M. Hunter

Education Infrastructure, Alex Lemann
Earlham College

Advising and Organization, Scott Lathrop
University of Chicago/Argonne National Laboratory

Shodor Education Foundation
Student Outreach, Kristina N. Wanous

University of Northern Iowa
K-12, Bonnie Bracey-Sutton

George Lucas Educational Foundation
Local Education Coordinator, Brad Armosky

Texas Advanced Computing Center
Planning Coordinator, Coleen Arvise

Navajo Technical College
Technology, Jared Ribble

Navajo Technical College

Broader Engagement Committee
International and Regional Coordinator, Barbara Fossum
Purdue University

Communication Coordinator, Jennifer Teig von Hoffman
Boston University

Mentoring Program Chair, Ekow Otoo
Lawrence Berkeley National Laboratory

Participation Grants Chair, Monica Martinez-Canales
Sandia National Laboratories

Fundraising Chair, Tim Jones
Department of Defense High Performance Computing Modernization Program

Student Days/Career Day, Valerie Thomas
Department of Defense High Performance Computing Modernization Program

Mentoring Program, Rebekah Villarreal Martinez
Texas Advanced Computing Center

Participation Grants, Dorian Arnold
University of Wisconsin

Marisol Gamba
Lawrence Livermore National Laboratory

Participation Grants Reviewer, Pamela Williams
Sandia National Laboratories

Stephanie McLean
Renaissance Computing Institute

Tiki L. Suarez
Florida A&M University

Student Member, Olga Pearce
Texas A&M University

Student Member, Mackale Joyner
Rice University

Student Member, Hai Ah Nam
San Diego State University

Student Member, Tess Winlock
University of the Pacific

Ex Officio Member, Paul Gray
New Mexico State University

Ex Officio Member, Lorie Liebrock
New Mexico Institute of Mining and Technology

Advisor, Jan Cury
National Science Foundation

Advisor, Ken Washington
Lockheed Martin

Finance Committee
Registration Chair, Michele Bianchini-Gunn
Lawrence Livermore National Laboratory

Conference Store Chair, Janet McCord
Texas Advanced Computing Center, The University of Texas at Austin

Infrastructure Committee
Infrastructure Deputy Chair, Trish Damkroger
Lawrence Livermore National Laboratory

Space Chair, Matt Link
Indiana University

Local Arrangements, Mary Amist
Northstar Event Management, Inc.

Catering, Jan Hull
Conference Management

Electric Chair, Gary New
National Center for Atmospheric Research

Housing Chair, Gina Morello
NASA Ames Research Center

Signage Chair, Bruce Loftis
Purdue University

Student Volunteers Co-Chair, Jeanine Cook
New Mexico State University

Student Volunteers Co-Chair, Lorie Liebrock
New Mexico Institute of Mining and Technology

AV/PC Chair, Janet Brown
Pittsburgh Supercomputing Center

Internete/IC-Mail Chair, G.M. 'Zak' Kozak
Ohio Supercomputer Center

Security Chair, Trey Breckenridge
Mississippi State University

Deputy Security Chair, Jeff Graham
Department of Defense Aeronautical Systems Center

Music Initiative Committee
Vice Chair, Vivian Benton
Pittsburgh Supercomputing Center

Composition, David Keyes
Columbia University

Music as Math, Cynthia Maxwell
University of California at Berkeley and Apple

Call For Participation
www.sc08.supercomputing.org

The International Conference for High Performance Computing, Networking, Storage and Analysis

November 15-21, 2008
Austin Convention Center
Austin, Texas

November 17-20, 2008
Exhibits Dates

November 15-21, 2008
Conference Dates

November 15-21, 2008
Exhibits Dates

November 17-20, 2008
Conference Dates

20 YEARS - UNLEASHING THE POWER OF HPC

IEEE Computer Society
1828 L Street, NW, Suite 1202
Washington, DC 20036-5104

IEEE Computer Society / ACM SIGARCH
SC08 Sponsors:

November 15-21, 2008
Austin Convention Center
Austin, Texas

Conference Dates
November 15-21, 2008

Exhibits Dates
November 17-20, 2008

20 YEARS - UNLEASHING THE POWER OF HPC

November 15-21, 2008
Austin Convention Center
Austin, Texas

Conference Dates
November 15-21, 2008

Exhibits Dates
November 17-20, 2008

ABOUT SC08

When SC08 opens November 15, 2008 in Austin, Texas, the conference series will celebrate its 20th anniversary as the premier international conference on high performance computing, networking, storage and analysis. The conference features the latest scientific and technical innovations from around the world. Bringing together scientists, engineers, researchers, educators, programmers, system administrators and managers, SC08 is the forum for demonstrating how these developments are driving new ideas, new discoveries and new industries.

Plan now to be a part of SC08 and its program of trailblazing technical papers, timely tutorials, invited speakers, up-to-the-minute research posters, entertaining panels and thought-provoking birds-of-a-feather sessions. New for 2008 will be two Technology Thrusts: Energy and Biomedical Informatics. Additionally, exhibits from industry, academia, and government research organizations will demonstrate the latest innovations in computing and networking technology. SC08 promises to be the most exciting and innovative SC conference yet!

About the SC08 logo

The SC08 logo reflects themes common to both the SC conference and the state of Texas. While Texas is the Lone Star State, the HPC community is a virtual galaxy of stars, including longtime luminaries who established and built the conference and the next generation of rising stars who bring new ideas and perspectives to SC. The charging horses evoke Texas' frontier heritage, as well as the ever-increasing "horsepower" of parallel computing systems and networks. The horses' forward movement reflects the community's constant pushing on the frontiers of high performance computing, networking, storage and analysis.

The International Conference for High Performance Computing, Networking, Storage and Analysis

