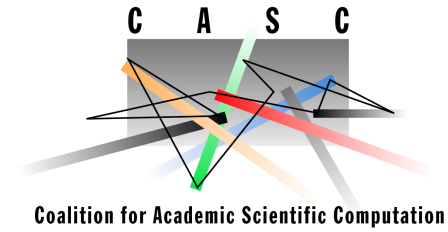


Symposium Sponsors

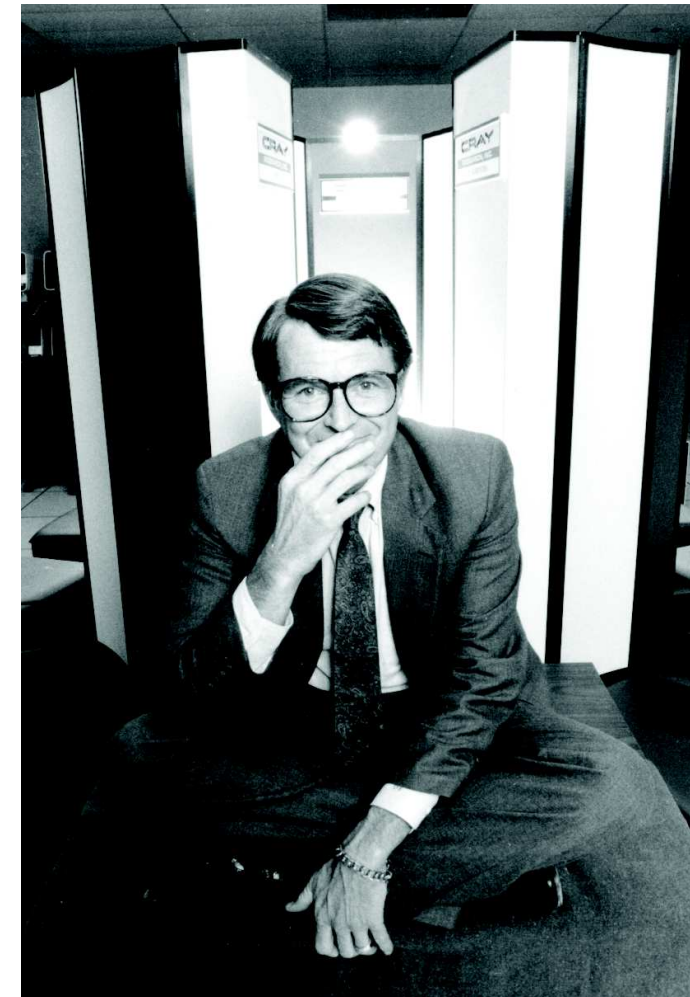


Washington Liaison

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Changing Science and Engineering: The Impact of HPC



20th Anniversary Dinner & Symposium

September 22-23, 2009
American Association for the Advancement of Science
1200 New York Avenue
Washington, DC



The Coalition for Academic Scientific Computation

In 1989, several of the nation's leaders in academic computing created the Coalition for Academic Scientific Computation (CASC) to monitor emerging Congressional and federal agency support for advanced scientific computing and to promote their role as critical infrastructure in advancing U.S. competitiveness.

Today, CASC has grown to 58 members in 33 states and has delivered some of the most advanced computing technologies for the advancement of national competitiveness, state economic growth and innovation in many basic and applied sciences.

To celebrate our many accomplishments and to look forward to what the future will bring, we welcome you to our 20th anniversary celebratory dinner and symposium.

CASC Leadership

| | |
|--------------------------|---|
| Chair..... | Stanley Ahalt Ohio Supercomputer Center |
| Vice-Chair..... | Amy Apon High Performance Computing at the University of Arkansas |
| Secretary/Treasurer..... | Richard Pritchard Army High Performance Computing & Research Center |
| Past Chairman..... | Craig Stewart Indiana University |
| Washington Liaison..... | Susan Fratkin Coalition for Academic Scientific Computation |

Cover Picture

The late Charles F. "Charlie" Bender, co-founder of the Coalition for Academic Scientific Computation, sits in front of a Cray X-MP system at the Ohio Supercomputer Center, where he served as executive director from 1987-2002.

20th Anniversary Dinner and Symposium Program

Tuesday, September 22, 2009

6:30 pm.....**Reception & Dinner** [Hotel W, 515 15th Street, Washington, DC]

Wednesday, September 23, 2009

8:00 am.....**Continental Breakfast** [AAAS Building – 2nd Floor Foyer]

8:30 am.....**Welcome** [AAAS Building – 2nd Floor Auditorium]
Stanley Ahalt, Chair, Coalition for Academic Scientific Computation

8:45 am.....**Keynote Address – “What’s Wanting to Happen – of Demons and Mules”**
Joe Thompson, William G. Giles Distinguished Professor,
Mississippi State University (retired)

9:30 am.....**Panel – “Changing Science & Engineering: The Impact of HPC”**
Moderator – Amy Apon, Vice Chair, Coalition for Academic Scientific Computation
Panelists:
Edward Seidel, Director, National Science Foundation Office of Cyberinfrastructure
John Connolly, Director, Univ. of Kentucky Center for Computational Sciences
Christopher Greer, Senior Program Analyst, U.S. Office of Science and Technology
Ralph Roskies, Scientific Director, Pittsburgh Supercomputing Center
Steven Orszag, Percey F. Smith Professor of Mathematics, Yale University

11:00 am.....**Break**

11:30 am.....**Panel – “View from University Leaders – Past and Present”**
Moderator – Marjory Blumenthal, Associate Provost, Georgetown University
Panelists:
Richard Herman, Chancellor, University of Illinois
Jerry Komisar, Former President, University of Alaska
Garrison Walters, Exec. Director, South Carolina Commission on Higher Education

12:15 pm.....**Buffet Lunch** [AAAS Building – Lobby & Adjoining Rooms]

1:15 pm.....**Panel – “MegaFlops to ExaFlops”**
Moderator – Suzy Tichenor, Director, Oak Ridge National Laboratory Industrial Partnership Program
Panelists:
Dave Turek, Vice President for Deep Computing, IBM
Thomas Lange, Director, Modeling and Simulation, Corporate R&D, P&G
Peter Ungaro, CEO and President, Cray Inc.
Edward Tinoco, Technical Fellow, Enabling Technology & Research, Boeing

2:30 pm.....**Panel – “HPC: The Next 20 Years”**
Moderator – Beverly Clayton, Former Exec. Director, Pittsburgh Supercomputing Center
Panelists:
Steven Wallach, Chief Scientist and Co-founder, Convex
Gregory Pfister, Retired Distinguished Engineer, IBM
Reza Rooholamini, Director of Enterprise Solutions, Dell
William Gropp, Paul and Cynthia Saylor Professor of Computer Science, University of Illinois

3:45 pm.....**Perspective from the CASC Chair**
Stanley Ahalt, Chair, Coalition for Academic Scientific Computation

4:00 pm.....**Adjourn**