



Baltimore Waterfront



SC2002 Education Program

Call for Participation

Applications due April 26, 2002

<http://www.sc-conference.org/sc2002/education>



**SC2002 Theme:
Data Spaces**

What is the SC2002 Education Program?

The SC2002 Education Program invites undergraduate faculty and K-12 teachers to spend four days engaged in hands-on workshops at the SC2002 Conference to learn about high performance computing and communications tools and resources appropriate for their classroom. These educators will be supported throughout the year as they work on integrating appropriate tools into their courses. The SC2002 Education Program encourages the participation of faculty from two- and four-year colleges, primarily undergraduate institutions, and minority serving institutions. K-12 teachers are asked to partner with undergraduate faculty to address teacher preparation and enhancement.

What is the SC2002 Conference?

SC2002 is the annual high performance computing and communications conference that engages leading scientists, engineers, technologists and educators to display and learn about the latest research, education and developments in high performance computing and communications technologies. Participants may:

- Attend technical sessions, state-of-the field talks, panels, and presentations
- See exhibits of the latest research, products and services
- Interact with leading scientists and engineers from around the world

When is the SC2002 Education Program?

The SC2002 Education Program runs November 16-19, 2002, and the full SC2002 Conference runs November 16-22. SC2002 will be held at the Baltimore Convention Center in Baltimore, Maryland.

What are the Requirements for Participation?

Educators are asked to apply as a team of 2 to 6 members. All team members are asked to:

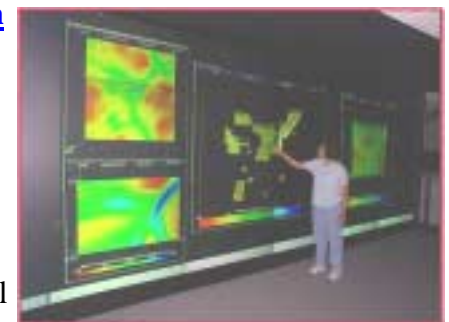
- Complete an application form at www.sc-conference.org/sc2002/education
- Participate in the four-day SC2002 Education Program, November 16-19
- Participate in a one-week follow-up summer workshop
- Develop curriculum modules to be used in undergraduate courses
- Share their experiences with colleagues in their own community.

How to Apply for the SC2002 Education Program?

Teams are asked to complete an application form by April 26, 2002 for full consideration. Participants will be selected by May 31, 2002. An application form is available at www.sc-conference.org/sc2002/education



Faculty at SC2001



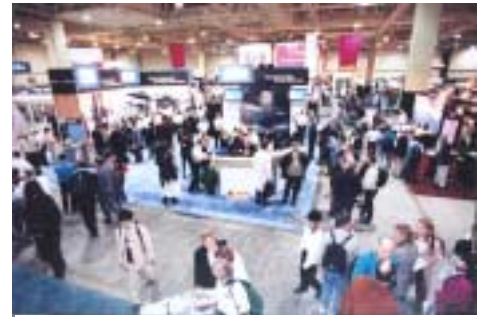
Visualization Technologies

What Support is Available to Educators?

Teams selected through the national application process will be provided with travel allowances, lodging, meals, course instructional materials, and teacher substitutes.

SC2002 Education Program Sponsors

The Education Program is supported by the National Computational Science Institute (www.computationalscience.net) with funding from the National Science Foundation, SC2002 conference, IEEE Computer Society, and ACM.



SC2001 Exhibit Hall

Additional Opportunities for Faculty and Students at SC2002

SC2002 Research Exhibits Program

SC2002 offers researchers the opportunity to showcase computational science and research activities at their institutions. Research exhibitors include scientists, engineers, research programmers, and students from universities, colleges, and laboratories of all sizes. Exhibitor demonstrations showcase innovative research efforts and illustrate how scientific data can be transformed into knowledge leading to problem-solving and the development of new products. SC2002 provides a nurturing environment where collaborative partnerships between institutions, in particular those between government and minority serving institutions, can develop and flourish. A special emphasis is being placed on providing faculty, staff, and students from smaller colleges with opportunities to exhibit their research in the “academic village.” Faculty interested in participating as a research exhibitor are asked to contact: Ernest G. Marshburn, East Carolina University at marshburne@mail.ecu.edu.

SC2002 Student Volunteer Program

The SC2002 conference is recruiting undergraduate and graduate students to volunteer 20-25 hours of their time in support of the conference in exchange for free conference registration, housing, most meals, conference goodies, and more! Student volunteers experience the latest in high-performance networking and computing technology first hand. The volunteers may participate in the Student Days program (described below). No special skills or experience are necessary for most of the volunteer positions.

Students from diverse backgrounds are encouraged to volunteer. For more information, contact Bruce Loftis (bruce@ncsa.uiuc.edu) or Phoebe Lenear (p-lenear@ncsa.uiuc.edu). Student Volunteer application forms will be available beginning April 8, 2002 at www.sc-conference.org/sc2002. The application deadline is July 29, 2002.



SC2002 Student Days

The SC2002 conference will offer two days of events and activities intended to assist undergraduate and graduate students with learning about career opportunities in education, research, and industry. Students will participate in presentations and panel discussions from experts in interviewing techniques, advice in preparing for the computerized GRE's, myths about graduate school admission to advice from committee members on scholarship/fellowship, graduate admission and more. Still another component will be the opportunity to learn about employer and government research internships as well as graduate research at universities. Registration guidelines and forms for SC2002 Student Days will be posted at the conference web site in the next few weeks.

Additional Information

Additional SC2002 conference information is available at www.sc-conference.org/sc2002