ICS is the premier international forum for the presentation of research results in high-performance computing systems. Now in its 16th year, the conference also includes invited talks, tutorials, workshops, panels, and exhibits. It will be held at Columbia University in New York City.

Papers are solicited on all aspects of research, development, and application of high-performance systems, including new experimental and commercial systems, architectures with fine and coarse grain parallelism, grid computing, novel infrastructures for the Internet, parallel network processors, parallel I/O and storage, autonomic computing, ubiquitous computing, embedded and power-aware computer architectures, operating systems and support software, restructuring and optimizing compilers, program development tools, high-performance Java, performance evaluation studies, numerical or non-numerical algorithms, and computationally challenging scientific and e-business applications.

Papers should not exceed 6,000 words, and must be submitted electronically using the submission form available at the conference web site. Submissions must be in PDF or Postscript format. Selected papers from the ICS'02 conference proceedings will also be published in the International Journal for Parallel Programming.

Workshop and tutorial proposals are solicited, and are due by March 15th, 2002.

For further information and future updates, refer to the ICS'02 web site, or contact the Program or General Chairs.