



## STUDENT RESEARCH SYMPOSIUM

Dec 19, 2011

Held in conjunction with the

### 18<sup>TH</sup> INTERNATIONAL CONFERENCE ON HIGH PERFORMANCE COMPUTING (HiPC 2011)

December 19-22, 2011 | Bengaluru (Bangalore), INDIA | [www.hipc.org](http://www.hipc.org)

#### CALL FOR EXTENDED ABSTRACTS

The goal of the 4th Student Research Symposium at HiPC is to stimulate and foster student research, and to provide an international forum for highlighting student research accomplishments in the area of high performance computing. The symposium will also expose students to latest research and best practices in HPC in academia and industry. All topics relevant to the HiPC conference, and listed in the HiPC 2011 Call For Papers, are of interest to this symposium. The 3rd Student Research Symposium at HiPC 2010 was very successful and featured 17 papers and 9 posters, which were accepted from 38 submissions from five countries. The symposium program also featured industry keynotes, a poster reception, and a session on technical writing.

The one-day student research symposium at HiPC 2011 will feature brief presentations by student authors describing their research, followed by a poster exhibit. Short invited talks by leading HPC researchers/practitioners will be included in the program. The conference reception will provide an opportunity for students to interact with HPC researchers and practitioners (and recruiters) from academia and industry.

**Best Paper and Best Presentations Awards** will be presented at the symposium. The IEEE Technical Committee on Parallel Processing (TCPP) sponsored four awards in 2010 at around Rs. 10,000 each. We expect a similar level of sponsorship this year.

**Eligibility:** To be eligible to present at the symposium, the research work should primarily be the result of student research and should be presented by a student author. The student author should have been a full-time student at some point in 2011. Non-student co-authors are permitted. The symposium will be open to all participants registered for the HiPC 2011 conference.

**Scholarships:** Students from Indian academic institutions can apply for a travel scholarship through the HiPC scholarship program. Student authors of the top few submissions at this symposium will be assured of a travel scholarship.

**Book of Resumes:** A book containing the resumes of the students participating in the symposium will be compiled and made available to the sponsors of the HiPC 2011 conference.

#### SUBMISSION

Please submit an extended abstract of your research results in PDF format. Authors can use last year's submissions, available at <http://www.hipc.org/hipc2010/studentsymposium.php>, as samples. Submission procedures will be available at the Student Symposium web site, accessible from <http://www.hipc.org>, after August 15, 2011. Your document should be at most 5 letter size (8.5 x 11) pages in 11 pt or 12 pt font, single spaced, with at least one-inch margins on all sides. Please identify the names of student authors in a footnote. Selection will be competitive and all submissions will be reviewed. Manuscripts will be judged on correctness, originality, technical strength, significance, quality of presentation, and interest and relevance to the conference attendees.

For more information, please visit: <http://www.hipc.org> or email [student\\_symposium@hipc.org](mailto:student_symposium@hipc.org)

#### IMPORTANT DATES

**Aug 15, 2011** > Submission Opens

**Sep 16, 2011** > Submission Deadline

**Oct 15, 2011** > Accept/Reject Decisions

**Dec 19, 2011** > Symposium

#### SPONSORED BY (PENDING)

IEEE Computer Society Technical Committee on Parallel Processing (TCPP)  
ACM Special Interest Group on Computer Architecture (SIGARCH)

#### SYMPOSIUM CO-CHAIRS

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