The Third IEEE TCSC Doctoral Symposium

In conjunction with the 9th IEEE International Symposium on Cluster Computing and the Grid (CCGrid 2009), May 18-21 2009, in Shanghai / China

The Doctoral Symposium of the IEEE Technical Committee on Scalable Computing (TCSC) provides a forum for students in the area of scalable computing to obtain feedback and advice on their PhD. topics and research career. The specific goals of the Symposium are to provide advice to students for a successful thesis completion, to enable students to evaluate their research in the context of global trends, and to engender fruitful interactions and networking between student researchers at a similar stage in their careers.

Selected students will present their work in front of an audience that consists of both their peers and a committee of expert researchers. The program committee consists of experts in the field, which provide their valuable feedback to the ongoing research work of participating students.

The symposium is open to all Ph.D. students carrying out research on topics related to TCSC's interest areas. Example topics of interest include, but are not limited to :

- Architectures and Systems for cluster and Grid computing
- Scalability issues in Grid and Cloud computing environments
- Middleware for scalable parallel and distributed computing
- Resource management paradigms for scalable computing.
- Programming Models, Tools, Problem Solving Environments and Applications
- Trust and Security for scalable systems
- Service-Oriented Grids, including discovery, composition and orchestration
- Community and collaborative computing networks
- Scheduling and load balancing
- High-performance networking
- Economic and Utility computing models for clusters and Grids
- Peer-to-Peer systems, and
- any other topic in scalable systems

Submission Deadline:	December 19th, 2008
Notification of acceptance:	January 26th, 2009
Camera-ready submission:	February 15th, 2009

IEEE Technical Committee on Scalable Computing
Young Researcher Forum

Each submission need to have a Ph.D. student as the sole author or as the primary author with his/her thesis advisor(s). It is expected that students submitting to the Symposium would have one to two years left in their candidature so that they have enough time to incorporate the suggestions made at the Symposium.

The submission should contain the following points:

- An introduction with the specific research proposal that describes the problem that the thesis aims to address.
- The significance of the work and its relevance to Scalable Computing.
- Related work and their shortcomings that the candidate's research aims to address.
- Explanation of the proposed approach and the research methodology adopted.
- The results obtained so far, remaining objectives and the challenges expected to be tackled.
- Expected contributions of the research and the novelty and benefits of the suggested solutions.

The submissions will be limited to 6 pages of double column text, using single spaced 10 point size type on Letter(8.5"x11"), following the IEEE Computer Society guide-lines. The proceedings of the Symposium will be published as part of the CCGrid 2009 proceedings, as well as in the IEEE Digital Library. Submissions should be made electronically via the online submission site:

http://www.easychair.org/conferences/?conf=docsymp09

TCSC has offered travel grants to students accepted for previous editions of this symposium. A similar scheme is in the works for this edition, details will be an-nounced shortly under *http://www.ieeetcsc.org/young/doctoral09*.

Chairs:

- Peter Tröger (Blekinge Institute of Technology, Sweden)
  Email: peter.troger@bth.se

- Srikumar Venugopal (University of Melbourne, Australia)
  Email: srikumar@csse.unimelb.edu.au

- Contact by Email or IRC (#ieeetcsc at irc.undernet.org)

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