



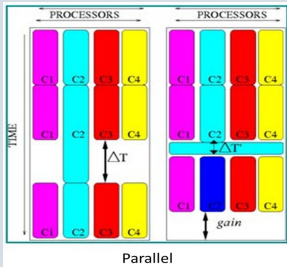
One Day Workshop on Computational Science

February 27, 2012 (Monday)

Supercomputer Education and Research Centre
Indian Institute of Science, Bangalore



Supercomputer Education and Research Centre (SERC) is happy to announce the second one day workshop on computational science. The first workshop in this series has been successfully completed in February 2011 with more than 50 participants from all over India. Computational science is an interdisciplinary area that brings together the domain specific knowledge of science and engineering with relevant areas of computing and mathematics. This helps advance all areas of science and engineering. SERC at Indian Institute of Science (IISc) is one of the prominent places in India that conducts academic/research activities in computational science. This multidisciplinary nature of computational science has seen tremendous growth in the past decade, leading to many advances in various disciplines of science and engineering. This workshop aims to introduce and discuss these advances with a focus on real-time applications.

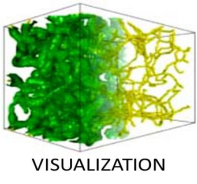


The main objectives of this workshop are :

- To introduce the discipline of computational science, with an emphasis on its applications to real world problems.
- Develop basic knowledge towards computational science and knowing recent trends
- Orientation towards taking up research activities in computational science



BLUE GENE



VISUALIZATION

This workshop is open (free) for the selected final year students of all disciplines of B.E./B.Tech., M.Sc. (Physics/Maths/Computer Science/Instrumentation/Electronics), and M.C.A. This workshop will include seminars from leading experts in computational science along with guided tour of computational facilities of SERC. It will also include an interactive session with current research/course students, faculty of SERC as well as individual visits to current research labs of SERC.

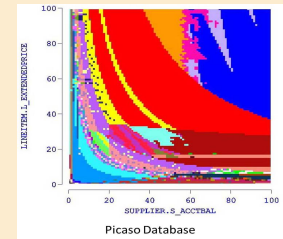


VLSI Design



IBM CLUSTER

The participants will be selected based on the academic record, aptitude for research, special abilities and accomplishments, and area(s) of research interests. Diversity among the selected candidates will also be used as a criterion. The selected out station participants will be reimbursed of their travel expenses (limited to second class train fare or bus fare) and modest accommodation will be provided.



Picaso Database



On-Line Application

Closing Date : January 16, 2012



ABOUT SERC:

- Houses state-of-the-art high performance clusters, advanced graphic workstations, terabytes of storage, sophisticated software packages, powerful high-speed networks.
- Conducts research in areas relating to computational science and computer systems, including supercomputer development and applications.



- Internationally renowned faculty with national and international awards
- Best paper awards in leading international journals
- Blue-sky research projects with large funding from industry
- Members of policy and decision-making government committees on supercomputing initiatives

**Contact Details: WCP-2012 Co-ordinator, Supercomputer Education and Research Centre
Indian Institute of Science, Bangalore -560012
Tel. No: 080-23600654/23600653/23600492 , 080-22932737/22932738
Fax :080-23602648
Email: wcp@serc.iisc.ernet.in**