



A One Day Workshop on Computational Science (WCP-2012)

Supercomputer Education and Research Centre (SERC)

Indian Institute of Science, Bangalore

February 27, 2012 (Monday)

Venue: SERC Auditorium (IV Floor), SERC, IISc, Bangalore.

Schedule

8:30 AM-9:00 AM: BREAKFAST AND COFFEE/TEA

9:00 AM-9:30 AM: REGISTRATION

9:30 – 10:00 AM: Inauguration, Prof. V. Rajaraman, SERC and Prof. N. Balakrishnan, Associate Director, IISc

10:00 – 10:20 AM: SERC – An over view, Prof. R. Govindarajan, Chairman

10:20 – 10:30 AM: SERC – Academic and Research activities, Prof. J. Haritsa

10:30 AM – 10:45 AM: COFFEE/TEA WITH COOKIES

10:45 – 11:10 AM: Computational Science – Overview and trends, P. K. Yalavarthy

11:10 – 11:35 AM: Structure of SERC's M.Tech. in Computational Science Programme, A. Mohanty

11:35 – 12:05 PM: Research in Parallel Computing, S. S. Vadhiyar

12:05 – 12:35 PM: Research Opportunities in Scientific Computation at SERC, S. Raha

12:35 – 1:00 PM: Video Analytics, V. Babu

1:00 PM – 2:00 PM: LUNCH

2:00 – 3:00 PM: A guided tour of SERC computation facilities & Individual labs

3:00 – 3:30 PM: Computation for light and light for computation, M. Venkatapathi

3:30 – 4:00 PM: Numerical Mathematics and Scientific Computing, S. Ganesan

4:00 PM – 4:30 PM: COFFEE/TEA WITH COOKIES

4:30 – 5:00 PM: Q&A, Interaction with SERC faculty

5:00 – 5:30 PM: Interaction with SERC students

5:30 – 5:45 PM: CONCLUSION & DISTRIBUTION OF CERTIFICATES