OSCAR'08

The 6th Annual Symposium on OSCAR and HPC Cluster Systems
http://www.csm.ornl.gov/oscar08
oscar-symposium@ornl.gov

June 9-11, 2008
Université Laval
Québec City, QB, Canada

Call for Papers

The 6th annual Symposium on OSCAR and HPC Cluster Systems (OSCAR '08) will be held June 9-11, 2008 in conjunction with the 22nd Annual International Symposium on High Performance Computing Systems and Applications hosted at the Université Laval in Québec City, QB, Canada.

This year we are expanding the symposium's scope to encompass more generally the area of HPC cluster computing. The emphasis is still primarily at the system level, as opposed to HPC applications. This includes the tools and techniques as well as experiences. We also encourage authors to provide critical analysis of emerging topics in clustering, to include heterogeneous or hybrid systems, reconfigurable systems, virtualized systems, and all topics related to their use and management. This may include high-level descriptions or low-level capabilities -- the software and hardware aspects of HPC clusters.

Topics of interest:
Authors are encouraged to submit papers on topics relating to, but not limited to, the following:

- Cluster management issues, particularly those at large scale
- HPC cluster software and/or hardware case studies
- Heterogeneous/hybrid cluster management
- Cluster tools/infrastructure
- Build and configuration management techniques/tools
- Administration policy/practice (experiences)
- Cluster management software surveys
- System description/interfaces
- Fault tolerance
- System resilience
- Emerging hardware/systems
- Diskless systems
- Cluster and system virtualization
- Experience papers
- System software testing and validation

Submission Guidelines:
All accepted papers will appear in the proceedings to be published by the IEEE. Formatting information will be available on the OSCAR'08 conference website. Papers will be limited to 7-pages in double-column IEEE proceedings format.

Important Dates:
   Submission Deadline*: February 14, 2008   (***Deadline extended!**)
Acceptance Notification*: March 3, 2008
   Final Paper Deadline: March 21, 2008