

The 7th Annual Symposium on OSCAR and HPC Cluster Systems

<http://www.csm.ornl.gov/oscar09>
oscar-symposium@ornl.gov

June 14-17, 2009
Kingston, Ontario, Canada

Call for Papers

The 7th annual Symposium on OSCAR and HPC Cluster Systems (OSCAR '09) will be held June 14-17, 2009 in conjunction with the International Symposium on High Performance Computing Systems and Applications (HPCS). The conference is being held in Kingston, Ontario, Canada.

We are very excited to say that this year's symposium is more closely aligned with HPCS. The scope of the symposium has again been extended to more generally include topics from all areas of high performance computing (HPC) clusters, with the focus being "*Systems and management*". 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 failure analysis
- System resilience
- Emerging hardware/systems
- Diskless systems
- Cluster and system virtualization
- System software testing and validation

Submission Guidelines:

All accepted papers will be published in the conference proceedings. Abstracts and papers should be submitted to the HPCS'09 conference submission page at: <http://www.hpcs2009.org/>. See the HPCS'09 conference webpages for details on abstract and paper specifications and page lengths.

Important Dates:

Abstract and/or full paper deadline:	March 6, 2009	* Deadline Extended!
Acceptance notification:	March 27, 2009	
Final manuscript:	June 19, 2009	

