

Welcome to the 6th Annual Symposium on OSCAR and HPC Cluster Systems

Held in conjunction with HPCS 2008

Université of Laval
Quebec City, Quebec, Canada
June 9, 2008

<http://www.csm.ornl.gov/oscar08>



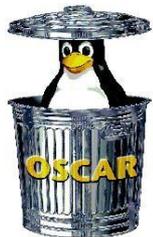
OSCAR Project

- Project started in 2000
 - Open effort among industry, academic & research
 - Simplify setup & management of computing clusters
 - Leverage “best practices”
 - First public release in April 2001
- Cluster Installation & Management toolkit
 - <http://oscar.openclustergroup.org>



Past OSCAR Symposia

- 2008: Quebec City, Quebec, CAN
- 2007: Saskatoon, Saskatchewan, CAN
- 2006: St. John's, Newfoundland, CAN
- 2005: Guelph, Ontario, CAN
- 2004: Winnipeg, Manitoba, CAN
- 2003: Sherbrooke, Quebec, CAN



Monday, Session 2: OSCAR

- Stephen Scott
Introduction / Welcome
- Albert Gazendam
Building and Refining General Purpose Computing Clusters in an Emerging HPC Oriented Research Environment
- Abhishek Kulkarni and Andrew Lumsdaine
Stateless clustering using OSCAR and PERCEUS
- Darius Buntinas, George Bosilica, Richard L. Graham, Geoffroy Vallée, and Gregory R. Watson
A Scalable Tools Communication Infrastructure
- Geoffroy Vallée, Thomas Naughton and Stephen L. Scott
Proposal for Modifications to the OSCAR Architecture to Address Challenges in Distributed System Management
- Paul Greidanus and Gordon Willem Klok
Using OSCAR to win the Cluster Challenge

