



# Welcome to the Workshop on Component-Based High- Performance Computing



Rosa M. Badia  
Nanbor Wang

November 15, 2009  
Portland, Oregon



# Program Overview

- The 4<sup>th</sup> joint HPC-GECO/CompFrame workshop
- Two Keynotes
  - David E. Bernholdt – Oak Ridge National Laboratory, U.S.A.  
*(Almost) Ten Years with the Common Component Architecture*
  - Vladimir S. Getov – University of Westminster, London, U.K.  
*Component-oriented Approaches for Application Development and Execution in the Extreme-scale Computing Era*
- One Panel Discussion
  - Open Questions in Software Engineering for High-Performance Computing Research
  - Tom Epperly - LLNL, Lorin Hochstein - ISI East, Ricky A. Kendall - ORNL
- Five Technical Sessions
  - Automatic tools for component-based framework, applications, contract enforcement, component interfaces

# Paper Selection

country	authors	submitted	accepted	acceptance rate	PC members
Canada	1	0.11	0	0	0
Netherlands	6	0.67	0	0	0
Singapore	5	0.83	0.83	1	0
Japan	1	1	0	0	0
Spain	5	1	0	0	1
Korea, Republic of	1	1	0	0	0
France	3	1	1	1	4
Australia	3	1	1	1	0
Germany	7	2.17	1.17	0.54	1
Brazil	8	3	1	0.33	1
United States	51	14.22	13	0.91	12

- Total submissions: 26
  - From 11 countries
  - 13 full papers
  - 13 extended abstracts
- Accepted: 18
  - From 6 countries
  - 9 full papers
  - 9 extended abstracts
  - Rate: 69%
- Most papers received 3 reviews
  - 2 received 2 reviews

# Speaker Instructions

- Please see your session chair before your session starts
- A Windows laptop is available for your convenience
  - Download your slides before the session
  - Or, test your laptop before the session
- Time
  - Full papers: 30 minutes
  - Extended abstracts: 20 minutes
- There will be time for Q&A in most sessions

# Acknowledgements

- All the authors, keynote speakers, panelists
- Program committee
- Steering committee
  
- Thank you for your participation