IEEE Cluster 2010
IEEE International Conference on Cluster Computing 2010
20-24 September 2010 • Heraklion, Crete, Greece

CALL FOR PAPERS

Cluster 2010 welcomes original unpublished paper and poster submissions from researchers in academia, industry, and government, describing innovative research in the field of cluster and high-performance computing. Topics of interest include, but are not limited to:

- **Applications and Algorithms**
  Scalable algorithms
  High-performance applications
  Application design and implementation methods
  Application-specific systems
  Real-world applications and case studies

- **Communication and Memory**
  Interconnect and memory architectures
  Communication protocols, libraries, and interfaces
  Network interfaces and communication support

- **Storage and Reliability**
  Storage architectures
  File systems and I/O libraries
  System reliability and availability
  Checkpointing and recovery
  Cost and performance implications of reliability

- **Tools, Systems Software, and Middleware**
  Middleware and cluster-wide software
  Benchmarking and profiling tools
  Resource management and load balancing
  Modeling and simulation methodology
  Performance analysis, prediction, and evaluation
  Virtualization and cloud support
  Visualization

Paper Submission Guidelines

Paper submissions should demonstrate current research in any area of interest to Cluster 2010. All submissions will be judged based on their correctness, originality, technical strength, significance, presentation, and relevance to the conference attendees. Submissions must represent original unpublished research that is not currently under review for any other conference or journal. Submitted papers must not exceed 10 letter-size (8.5 x 11 inches) pages including figures, tables, and references using the IEEE format for conference proceedings. For more information and submission templates, please see www.cluster2010.org.

CALL FOR WORKSHOPS, TUTORIALS, POSTERS

Proposals are solicited for workshops and tutorials to be held in conjunction with the main conference. Proposals should be submitted to the Workshops and Tutorials Chairs. Additional details and submission guidelines are available at www.cluster2010.org. Cluster 2010 will also have a poster session for early work. Poster submission guidelines and instructions for poster setup are available at www.cluster2010.org.

IMPORTANT DATES

Abstract deadline: 8 March 2010

Paper deadline: 15 March 2010

Author notification: 15 June 2010

Camera-ready deadline: 15 July 2010

Workshop proposal submission deadline: 31 Dec. 2009

Workshop notification: 31 January 2010

Tutorial proposal submission deadline: 31 Dec. 2009

Tutorial notification: 31 January 2010

Poster submission deadline: 15 July 2010

Poster notification deadline: 29 July 2010

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