
CALL FOR PAPERS

2ND WORKSHOP ON REAL-TIME ONLINE INTERACTIVE APPLICATIONS ON THE GRID (ROIA 2009)

IN CONJUNCTION WITH EURO-PAR 2009

MONDAY, AUGUST 24, 2009, DELFT, NETHERLANDS

<http://www.dps.uibk.ac.at/ROIA2009/>

OVERVIEW

Through recent advancements in network technology, graphics cards and displays, a new type of *Real-time Online Interactive Applications (ROIA)* has become increasingly popular. Everyday life has been affected and transformed not only by the use of Web technologies, but also by collaborative multimedia applications, networked computer games, cooperative scientific visualizations, networked virtual environments and real-time graphics displays.

Computer-Supported Cooperative Work (CSCW) and Massively Multiplayer Online Gaming (MMOG) are two huge growing sectors worldwide with challenging demands with respect to real-time distributed and interactive technologies.

While the focus of the first ROIA Workshop organised year in Las Palmas, Gran Canaria, was on researching basic distributed real-time middleware technologies, this year's event encourages the submission of papers that report the application of these technologies in real-world scientific and industrial scenarios.

TOPICS

Topics of interest include, but are not limited to:

- Real-time interactive parallel and distributed tools and environments
- Real-time interactive distributed (massively multiplayer) online gaming
- Real-time interactive e-learning applications
- Integration cloud computing virtualization technologies with real-time interactive applications
- Techniques for real-time Quality of Service monitoring and enforcement
- Utility business models and Service Level Agreements for real-time interactive applications
- Experiences in deployment and use of real-world distributed online interactive applications.

The workshop encourages submissions of *practical demonstrations* and *tutorials* of applications and technologies applied in real-time interactive environments.

SUBMISSION AND PUBLICATION

Authors are invited to submit extended abstracts or full papers of 4 to 10 pages in the Springer LNCS style presenting original unpublished research or surveys to roia2009@dps.uibk.ac.at.

Accepted papers that are presented at the workshop will be published in revised form in a special Euro-Par workshop volume in the LNCS series *after* the conference.

IMPORTANT DATES

Manuscript submission: Mai 31, 2009

Acceptance notification: June 22, 2009

ROIA Workshop: August 24, 2009

Final paper: September 2009

WORKSHOP ORGANIZERS

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