

IEEE P2P'08 RWTH Aachen University

September 8th - 11th, 2008

www.p2p08.org

SCOPE

P2P'08 is the eighth conference in a series of annual conferences concerned with overlay network technologies and massively distributed systems & applications.

Peer-to-Peer systems benefit from and share the resources owned by systems that are distributed around the Internet. Examples of such technologies include peer-to-peer applications and grids, and in general, any large-scale distributed system characterized by decentralization and sharing of resources.

Recently, interesting applications of P2P technology have begun to emerge, together with new platforms for application development. We invite papers that reflect experience with practical applications of the current state of the art, or that explore new application areas. We are particularly interested in real, large-scale, deployed systems and applications, rather than small-scale examples composed of a few nodes. The key issues to be considered are scalability, robustness, and security; we believe that these aspects are fundamental issues that must be solved before Peer-to-Peer and Grid services will become mainstream.

Consistent with the previous occurrences of this conference, we would like to promote collaboration in research among academic institutions, government organizations, and business enterprises that are concerned with the research and implementation of peer-to-peer networks, grids, and large scale distributed systems.

TOPICS

Topics that relates to Peer-to-Peer systems, Peer-to-Peer applications, Grid systems, large-scale distributed systems, and overlay networks are open for consideration.

We would like to give special encouragement to experience reports with applications, with particular emphasis to those that treat problems related to scalability, robustness and security.

Topics of interest for the conference include, but are not limited to:

- P2P applications and services
- Industrial applications / P2P in use
- Security in P2P systems
- Performance and robustness of P2P systems
- Self-organization in P2P systems
- P2P Information retrieval
- Higher-level query support in P2P systems
- Semantic overlay networks and semantic query routing
- Trust and reputation management in P2P systems
- Overlay architectures and topologies
- P2P overlay interworking with underlying infrastructure
- Overlay monitoring and management
- Social networks
- P2P Systems over MANETs
- Delay Tolerant P2P systems
- P2P economics
- Cooperation in P2P systems
- P2P workload characterization and simulation
- P2P grids

INDUSTRY TRACK

We are especially interested in experience with practical, large-scale, industrial, deployed applications. Therefore P2P'08 is going to set up a special industry track in its program.

DEMO PROPOSALS

P2P'08 is encouraging the P2P community to demonstrate their latest system developments and applications at the P2P 2008 conference site. A 2 page demo abstract will be published .

IMPORTANT DATES

- Abstract submission deadline: April 13, 2008
- Full (10 pages) / short (2-4 pages) paper submission deadline: April 20, 2008
- Notification of acceptance: June 9, 2008
- Camera ready papers due: June 16, 2008
- Conference dates: September 8-11, 2008

COMMITTEES

General Chair:

- Klaus Wehrle, RWTH Aachen University

Program Committee Co-Chairs:

- Wolfgang Kellerer, DoCoMo Euro-Labs, Germany
- Sandeep K. Singhal, Microsoft Corporation, USA
- Ralf Steinmetz, Technical University of Darmstadt, Germany

Industrial Liason Chair:

- Oliver Heckmann, Google Labs Zurich

Demo & Tutorial Chair:

- Andreas Liebau, Technical University of Darmstadt, Germany