

Volume 28, Issue 16

Conference Announcement

Second Workshop on Economics of Peer-to-Peer Systems

Location : Harvard University, MA

Organizers : Matthew Jackson (co-chair) and David Parkes (co-chair)

Major Topics : P2P networks, network externalities, public goods and club formation

Conference Dates : 6/4/2004 to 6/4/2004

Submission Deadline : 4/1/2004

Send Submissions To : p2pecon@eecs.harvard.edu

Sponsoring Organizations :

For further information contact :

Web Page : <http://www.eecs.harvard.edu/p2pecon>

Call for Participation Second Workshop on Economics of Peer-to-Peer Systems Harvard University, Cambridge, MA June 4-5, 2004 <http://www.eecs.harvard.edu/p2pecon> From file-sharing to distributed computation, from application layer overlays to mobile ad hoc networking, the ultimate success of a peer-to-peer system rests on the twin pillars of scalable and robust system design and alignment of economic interests among the participating peers. Following the success of the first workshop, the Second Workshop on Economics of Peer-to-Peer Systems will again bring together researchers and practitioners from multiple disciplines to discuss the economic characteristics of P2P systems, application of economic theories to P2P system design, and future directions and challenges in this area. Topics of interest include, but are not limited to: - incentives and disincentives for cooperation - distributed algorithmic mechanism design - reputation and trust - reliability, identity, and attack resistance - network externalities and scale economies - public goods and club formation - accounting and settlement mechanisms - payment and currency systems - user behavior and system performance - measurement studies - leveraging heterogeneity without compromising anonymity - economic impact to network providers - interconnection of P2P networks The program of the workshop will be a combination of invited talks, paper presentations, and discussion. Workshop attendance will be limited to ensure a productive environment. Each potential participant should submit a position paper that expresses a novel or interesting problem, offers a specific solution, reports on actual experience, or advances a research agenda. Participants will be invited based on the originality, technical merit and topical relevance of their submissions, as well as the likelihood that the ideas expressed in their submissions will lead to insightful discussions at the workshop. Accepted papers will be published on the workshop website. Submission guidelines: Submissions of position papers are due April 1, 2004, and should not exceed 5 pages (excluding references and appendices). Two column papers are acceptable, but the font size should be no smaller than 10pt. Papers must be submitted electronically, preferably in PDF format, to . Important Dates : Submission due: April 1 Notification of acceptance: April 30 Revised version due: May 22 Workshop: June 4-5

