

Third Workshop on Economics of Peer-to-Peer Systems

P2PECON

Call for Papers

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 two workshops, the Third 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. Authors 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. Accepted papers will be published on the workshop website.

Submission guidelines:

Submissions of position papers are due April 15th, 2005, 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.

Important Dates :

Submission due: April 15, 2005

Notification of acceptance: May 15, 2005

Revised version due: June 3, 2005

Organizing Committee:

Eric Friedman, Cornell University(co-chair)

Emin Gun Sirer, Cornell University (co-chair)