

Last call for papers CAAN 2005

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 - *Date:* Fri, 8 Apr 2005 15:53:24 +0000 (UTC)
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2nd Workshop on Combinatorial and Algorithmic Aspects of Networking

CAAN 2005

LAST CALL FOR PAPERS

August 13th – 14th, 2005

Waterloo, Ontario, Canada

Following the success of the first Combinatorics and Algorithms Aspects of Networking (CAAN04) conference that was held August 5–7, 2004 at the Banff International Research Station (BIRS), CAAN05 will be held in Waterloo, Ontario, Canada, August 13–14, 2005 as a satellite conference of the Workshop on Algorithms and Data Structures (WADS 05), Waterloo, On, Canada, August 15–17, 2005.

The Internet because of its size, decentralized nature, and loosely controlled architecture provides a hotbed of challenges that are amenable to mathematical analysis and algorithmic techniques. This conference brings together mathematicians, theoretical computer scientists and network specialists. This fast growing area is an intriguing intersection of Computer Science/Graph Theory/Game Theory/Networks.

Original research papers are solicited. The list of topics for the conference includes, but is not limited to: Economics, Game Theory and the Internet, Geometric Routing, Web Caching, Combinatorics, Tomography, Peer-to-peer systems, Graph Theory/Web Graph, Data Stream analysis, Statistical Distributions, Optimization, and QoS, as they relate to Networks in general and the Internet in particular. The conference will be organized as a series of talks with time for focused discussions. We solicit general participation and invite presentations on all aspects of networking challenges that can be addressed using techniques from theoretical computer science and mathematics. The goal of the conference is to foster interdisciplinary collaborations among researchers in this field.

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Paper submissions

Authors should send an extended abstract in postscript or PDF format by May 2nd, 2005. The paper should not exceed 16 pages in length on letter-size paper using 11 point or larger font. Submissions are open using the SIGACT electronics submission server.

<http://sigact.acm.org/~caan05/CAAN05.html>

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