

Fifth International Workshop on Networked Group Communications (NGC'03)

Organized by UniBwM and COST 264
in cooperation with ACM SIGCOMM

co-located with the

Third International Workshop on
Internet Charging and QoS Technology (ICQT'03)

Group Communications and Charges - Technology and Business Models

September 16-19, 2003
University of Federal Armed Forces Munich (UniBw Munich), Germany
URL: <http://www.ngc2003.org/>

Scope

Communications by technical means forms the major interconnection for distributed electronic applications, ranging from business processes to entertainment. While networked group communications in particular raise technology and protocol challenges, charging for Internet services inter-relates and enriches those techniques with economic models. Both workshops target the identification of solutions, investigations of their feasibility, and a consolidation of technical and economic mechanisms to enable a fast, guaranteed, and efficient provisioning of networked group communications in the Internet. Authors are invited to submit work on issues related to networked group communication (NGC'03) and Internet charging and QoS technologies (ICQT'03) according to the major list of topics:

NGC'03

- Multicast applications and services
- Multi-player games
- Novel group communication architectures
- Group and session management techniques
- QoS and traffic control for groups
- Peer-to-peer systems and applications
- Distributed multi-peer-to-peer algorithms
- Content distribution systems
- Wireless group communications
- Security for group communications

- Heterogeneous group communications
- Multicast deployment mechanisms

ICQT'03

- Economic models for the Internet
- Internet pricing, tariffing, and billing
- Internet charging technology
- Monitoring, measurements, and accounting
- ISP cost and business models
- Charging for peer-to-peer applications and games
- Charging and QoS for multicast
- Charging for QoS services
- Pricing mobile and wireless services
- Application service provider models
- Security mechanisms for charging
- Management of Service Level Agreements

Papers and Submissions

Papers are solicited as full papers (in English), of no more than 10 single-spaced pages, each of which will be subject to a full review process. Submissions should already follow the author guidelines as specified below and must include: title, authors, affiliations, 100-word abstract, and a list of at most five keywords. The author responsible for correspondence should be identified clearly, including the author's name, position, mailing address, telephone and fax numbers, and e-mail address. An electronic, PDF-based submission of papers is mandatory, please check the URL <http://www.ngc2003.org/> for further submission instructions or contact ngc03@informatik.unibw-muenchen.de for additional information. The conference proceedings are being published as hard-copy and electronically by Springer Verlag, Heidelberg, Germany, in the Lecture Notes in Computer Science Series. They will be available during the event. Authors are obliged to follow the LNCS's guidelines in preparing their manuscript. Author guidelines with respect to the final camera ready paper formats are to be followed without exception, including the 10 page limit, and may be obtained at <http://www.springer.de/comp/lncs/authors.html>.

Important Dates

Deadline for submissions: April 1, 2003
Notification of acceptance: June 8, 2003
Camera ready version: July 1, 2003
Workshop dates: September 16-19, 2003

General Information

The final program will accommodate September 17 and 18, 2003 the single-track NGC'03 workshop preceded by half-day tutorials on September 16 (afternoon) and on September 19, 2003 the single-track ICQT'03 workshop. The registration fee for this event will include the attendance of both workshops. For more information on these two co-located events NGC'03/ICQT'03 please visit <http://www.ngc2003.org/> or <http://www.ftw.at/icqt/> or contact by e-mail ngc03@informatik.unibw-muenchen.de or icqt03@ftw.at.

Location and Date

The location of the UniBw Munich is in the heart of the information technology area of Southern Munich, where, amongst others, Siemens Corporate Technology as well as EADS are located. A number of hotels are located in the neighborhood (2-3 km) to the university campus.

Downtown Munich can be reached from there in 20 min by fast train (S-Bahn) or underground (U-Bahn). The Airport of Munich can be reached by S-Bahn in about one hour. Furthermore, by rental car the German and Bavarian Alps can be accessed in about 90 min drive, providing views to the most spectacular scenery of mountains and beautiful countryside.

Finally, the two co-located workshops take place just in the week before

Munich's world-known "Oktoberfest-Wies'n" in downtown Munich.

Committees

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Burkhard Stiller, UniBw Munich, Germany and ETH Zurich, Switzerland

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Serge Fdida, Laboratoire LIP6, Paris, France

Jon Crowcroft, Cambridge University, U.K.

Luigi Rizzo, ICSI Center for Internet Research, Berkeley, U.S.A.

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