

Performance Analysis of Mobile and Wireless Communications

The Expertise Centre on Performance and Quality of Service in ICT ("E-Quality") is collaborative partnership in response to the growing need to control and improve the quality of services and applications in the world of ICT and its increasingly complex environments.



Partners are the National Research Institute for Mathematics and Computer Science (CWI), Delft University of Technology, Technical University Eindhoven, TNO-ICT and the University of Twente (UT).

The aims of E-Quality are to conduct innovative research in the field of "QoS control" in existing and future ICT environments, to train experts, and to communicate the significance of the research field. Its ambition is to become a leading player in the international knowledge economy, and to bring its knowledge to the market through spin-offs.

Specific research issues within E-Quality include:

- Network and system planning
- Resource and capacity management
- Performance evaluation and monitoring
- QoS differentiation
- Traffic and performance measurements
- Traffic modelling
- Traffic management
- SLA specification and management

E-Quality organises a two day workshop **Performance Analysis of Mobile and Wireless Communications** aiming at interaction among experts in academia and industry.

Date	November 15-16, 2007
Location	EURANDOM, TU/e, Eindhoven, The Netherlands
Registration	www.eurandom.nl
Costs	workshop free, incl. lunch
Workshop dinner: costs	€ 35
Hotel registration:	www.eurandom.nl
See	www.eurandom.tue.nl/workshops/2007/Equality.htm

See for details on E-Quality: <http://www.equality-ict.nl/>

Programme:

Thursday November 15	Friday november 16
10:00 opening by Richard Boucherie	10:00 opening by Bart Gijssen
10:15 Eitan Altman	10:15 Eric Smeitink
11:15 Geert Heijen	11:15 Wim Coenen
12:15 Sindo Nunez Queija	12:15 Maurits de Graaf
13:00 lunch	13:00 lunch
14:00 Dirk Staehle	14:00 Johan Trouwborst
15:00 Sem Borst	15:00 Jan de Jongh
16:00 close	16:00 close
19:00 workshop dinner	

Eitan Altman INRIA, Sophia-Antipolis, France
New Insights from a Fixed Point Analysis of Single Cell IEEE 802.11 WLANs

Geert Heijen University of Twente, Enschede, The Netherlands
Is there anybody out there? - Discovering your environment in mobile ad-hoc networks

Sindo Nunez - Queija CWI, Amsterdam, the Netherlands
Title: TBA

Dirk Staehle Universitaet Wuerzburg, Germany
Performance Models for the UMTS Enhanced Uplink

Sem Borst TU/e, Eindhoven, the Netherlands
Flow-level performance and user mobility in wireless data networks

Eric Smeitink KPN, The Netherlands
Comparing WiMAX and 3G technology for mobile broadband deployment

Wim Coenen VOSKO networking, Gouda, The Netherlands
Title : TBA

Maurits de Graaf Thales Communications, Huizen, The Netherlands
Network lifetime problems in personal communication systems

Johan Trouwborst T-Mobile, The Netherlands
Title: TBA

Jan de Jongh TNO-ICT, Delft, The Netherlands
Link-Level Emulation of IEEE 802.11e
