



Wednesday September 3, 2008

06:00 PM - 09:00 PM Registration at Opera Plaza Hotel

07:00 PM - 09:00 PM Welcome Reception

Thursday September 4, 2008

08:00 AM - 08:45 AM Registration at Opera Plaza Hotel ("Cristal" Conference Hall)

08:45 AM - 09:05 AM Welcome Message

Radu Munteanu, Rector (*Technical University of Cluj-Napoca, Romania*)

Opening Remarks

Stein Gjessing (*University of Oslo, Norway*)

Virgil Dobrota (*Technical University of Cluj-Napoca, Romania*)

Maria Papadopouli (*University of Crete and Institute of Computer Science at FORTH, Greece*)

Kobus van der Merwe (*AT&T Labs Research, USA*)

http://www.ieee-lanman.org/presentations_2008/lanman08.statistics.pdf

09:05 AM - 10:05 AM Keynote Speech: CPM - Adaptive VoD with Cooperative Peer Assist and Multicast

Dr. K. K. Ramakrishnan, *Distinguished Member of Technical Staff (AT&T Labs Research, USA)*

http://www.ieee-lanman.org/presentations_2008/ramakrishnan.pdf

10:05 AM - 10:30 AM Coffee Break

10:30 AM - 12:15 PM Session1: Practical Considerations on Wireless Networks

Chair: **Kris Steenhaut** (*Vrije Universiteit Brussels, Belgium*)

Invited paper: Deployment Considerations for IEEE 802.11b/g Networks

Andrea Forte (*Columbia University, USA*),

Henning Schulzrinne (*Columbia University, USA*)

http://www.ieee-lanman.org/presentations_2008/schulzrinne.pdf

A Distribution System for Large Scale IEEE 802.11 Wireless LANs

Gunnar Karlsson (*KTH Royal Institute of Technology, Sweden*),

Hector Velayos (*KTH Royal Institute of Technology, Sweden*)

http://www.ieee-lanman.org/presentations_2008/karlsson.pdf

Practical Evaluation of H.264 Video Streaming over IEEE 802.11e Devices by Cross-Layer Signaling

Gabriel Lazar (*Technical University of Cluj-Napoca, Romania*),

Virgil Dobrota (*Technical University of Cluj-Napoca, Romania*),

Tudor Blaga (*Technical University of Cluj-Napoca, Romania*)

http://www.ieee-lanman.org/presentations_2008/lazar.pdf

Measurement-Based Analysis of the Performance of Several Wireless Technologies

Rares Cosma (*Technical University of Cluj-Napoca, Romania*),

Albert Cabellos-Aparicio (*Universitat Politècnica de Catalunya, Spain*),

J. Domenech-Benlloch (*Universidad Politécnica Valencia, Spain*),

José Manuel Gimenez-Guzmán (*Universidad Politécnica Valencia, Spain*),

Jorge Martinez-Bauset (*Universidad Politécnica Valencia, Spain*),

Mihai Cristian (*Technical University of Cluj-Napoca, Romania*),

A. Fuentetaja (*Universidad Politécnica de Madrid, Spain*),

A. López (*Universidad Politécnica de Madrid, Spain*),

Jordi Domingo-Pascual (*Universitat Politècnica de Catalunya, Spain*),

J. Quemada (*Universidad Politécnica de Madrid, Spain*)

http://www.ieee-lanman.org/presentations_2008/cosma.pdf

12:15 PM - 01:45 PM Lunch at Bellagio Restaurant

01:45 PM - 03:15 PM Panel Session: Ubiquitous Community Wireless Networks: Reality or pipedream? Opportunities, challenges, pitfalls

Moderator:

K.K. Ramakrishnan (*AT&T Labs Research, USA*)

http://www.ieee-lanman.org/presentations_2008/ramakrishnan_panel.pdf

Panelists:

Timo Bräysy (*University of Oulu, Finland*),

http://www.ieee-lanman.org/presentations_2008/braysy_panel.pdf

Paul Cullen (*Garderos Software Innovations, Germany*)

http://www.ieee-lanman.org/presentations_2008/cullen_panel.pdf

Cornel Pampu (*Huawei Technologies, Germany*)

http://www.ieee-lanman.org/presentations_2008/pampu_panel.pdf

Cristian Patachia-Sultanoiu (*Orange, Romania*)

http://www.ieee-lanman.org/presentations_2008/patachia_panel.pdf

George Polyzos (*Athens University of Economics and Business, Greece*)

http://www.ieee-lanman.org/presentations_2008/polyzos_panel.pdf

Henning Schulzrinne (*Columbia University, USA*)

http://www.ieee-lanman.org/presentations_2008/schulzrinne_panel.pdf

03:15 PM - 03:45 PM Coffee Break + **Session 2: Poster Session**

03:45 PM - 04:50 PM Session 3: QoS and Admission Control in Wireless Networks

Chair: **Jordi Domingo-Pascual** (*Universitat Politècnica de Catalunya, Spain*)

Invited paper: A New Prioritization Scheme for QoS Provisioning in 802.11 Wireless Networks

Konstantinos Choumas (*University of Thessaly, Greece*)

Thanasis Korakis (*Polytechnic University, USA*)

Leandros Tassiulas (*University of Thessaly, Greece*)

http://www.ieee-lanman.org/presentations_2008/korakis_priorityMAC.pdf

Collaborative Setting of RTS/CTS in Multi-Rate Multi-Cell IEEE 802.11 Wireless LANs

Murad Abusubaih (*Technical University of Berlin, Germany*)

Berthold Rathke (*Technical University of Berlin, Germany*)

Adam Wolisz (*Technical University of Berlin, Germany*)

http://www.ieee-lanman.org/presentations_2008/abusubaih.pdf

Optimizing the Channel Load Reporting Process in IEEE 802.11k-enabled WLANs

Emmanuel Panaousis (*Athens University of Economics and Business, Greece*),

Christopher Ververidis (*Athens University of Economics and Business, Greece*),

George Polyzos (*Athens University of Economics and Business, Greece*),

Pantelis Frangoudis (*Athens University of Economics and Business, Greece*)

http://www.ieee-lanman.org/presentations_2008/polyzos.pdf

04:50 PM - 05:30 PM Coffee Break + **Session 2: Poster Session (continued)**

IP Routing Reconfiguration in OSPF-over-CWDM Networks with Bi-Directional ROADMs

Yutaka Katsuyama (*Osaka Prefecture University, Japan*)

http://www.ieee-lanman.org/presentations_2008/katsuyama.pdf

Smart Card based Authentication Mechanism for FTTH access networks

Joaquin Lopez Rizaldos (*Telefonica I+D, Spain*),

Francisco Rodriguez (*Telefónica I+D, Spain*),

Alejandro Fandiño (*Telefónica I+D, Spain*),

José Manuel Palacios Valverde (*Telefonica I+D, Spain*),

Alejandro Garcia Henderson (*Telefonica I+D, Spain*),

Francisco González (*Technical University of Madrid, Spain*)

http://www.ieee-lanman.org/presentations_2008/garcia_henderson.pdf

SmartA: Developing an Architecture for Cognitive Wireless Networks

Carolina Fortuna (*Jozef Stefan Institute, Slovenia*)

Mihael Mohorcic (*Jozef Stefan Institute, Slovenia*)

Bogdan Filipic (*Jozef Stefan Institute, Slovenia*)

Gorazd Kandus (*Jozef Stefan Institute, Slovenia*)

http://www.ieee-lanman.org/presentations_2008/fortuna.pdf

LTE Perspectives and Challenges

Adrian Matei (*"Politehnica" University of Bucharest, Romania*)

http://www.ieee-lanman.org/presentations_2008/matei.pdf

07:00 PM - 09:00 PM Dinner: Romanian evening at Bellagio Restaurant

Special guests: "Romanasul" Folk Dance Group (*Technical University of Cluj-Napoca, Romania*)

http://www.ieee-lanman.org/movies_2008/romanasul_folk_dance_group.avi

Friday **September 5, 2008**

09:00 AM - 10:30 AM **Session 4: Dealing with Imperfect Networks**

Chair: Srinivasan Ramasubramanian (*University of Arizona, USA*)

Invited paper: Network Planning for Disaster Recovery

Andrea Bianco (*Politecnico di Torino, Italy*)

Jorge Finochietto (*Politecnico di Torino, Italy*)

Luca Giraud (*Politecnico di Torino, Italy*)

Marco Modesti (*Politecnico di Torino, Italy*)

Fabio Neri (*Politecnico di Torino, Italy*)
http://www.ieee-lanman.org/presentations_2008/giraud.pdf

Cross-Layer Failure Restoration Techniques to provide a Robust IPTV Service
(IEEE LANMAN 2008 BEST PAPER AWARD)

Murat Yuksel (*University of Nevada at Reno, USA*)
K. K. Ramakrishnan (*AT&T Labs Research, USA*)
Robert Doverspike (*AT&T Labs Research, USA*)
http://www.ieee-lanman.org/presentations_2008/yuksel.pdf

Distributed Sampling for On-line SLA Assessment

René Serral-Gracià (*Universitat Politècnica de Catalunya, Spain*)
Pere Barlet-Ros (*Universitat Politècnica de Catalunya, Spain*)
Jordi Domingo-Pascual (*Universitat Politècnica de Catalunya, Spain*)
http://www.ieee-lanman.org/presentations_2008/serral-gracia.pdf

Reliable Packet Trace Collections with Accurate Loss Monitoring

Javier Rubio-Loyola (*Universitat Pompeu Fabra, Spain*)
Dolors Sala (*Universitat Pompeu Fabra, Spain*)
Ali Ismail Ali (*Universitat Pompeu Fabra, Spain*)
http://www.ieee-lanman.org/presentations_2008/rubio-loyola.pdf

10:30 AM - 11:00 AM Coffee Break

11:00 AM - 12:05 PM Session 5: Dealing with Mobility and Change

Chair: Jasleen Kaur Sahni (*University of North Carolina at Chapel Hill, USA*)

Invited paper: Enabling Seamless Internet Mobility

Anja Feldmann (*Deutsche Telekom Laboratory/ TU Berlin, Germany*),
Gregor Maier (*Deutsche Telekom Laboratory/ TU Berlin, Germany*),
Wolfgang Muehlbauer (*Deutsche Telekom Laboratory/ TU Berlin, Germany*),
Yevgen Rogozha (*Technical University of Munich, Germany*)
http://www.ieee-lanman.org/presentations_2008/muehlbauer.pdf

Explorative Analysis of One-way Delays in a Mobile 3G Network

Peter Romirer-Maierhofer (*Telecommunications Research Center Vienna FTW, Austria*),
Fabio Ricciato (*University of Salento, Italy*),
Angelo Coluccia (*University of Salento, Italy*)
http://www.ieee-lanman.org/presentations_2008/romirer-maierhofer_pub.pdf

Evaluation of Dynamic Bandwidth Allocation Algorithms for G-PON Systems using a reconfigurable Hardware Testbed

Andy Strzeletz (*University of Rostock, Germany*)
Harald Widiger (*University of Rostock, Germany*)
Dirk Timmermann (*University of Rostock, Germany*)
http://www.ieee-lanman.org/presentations_2008/widiger.pdf

12:05 PM - 01:30 PM Lunch at Bellagio Restaurant

01:30 PM - 02:35 PM Session 6: Cooperation in Networks

Chair: **Murat Yuksel** (*University of Nevada at Reno, USA*)

Invited paper: "Rethinking the Timescales at Which Congestion-Control Operates"

Vishnu Konda (*University of North Carolina at Chapel Hill, USA*)
Jasleen Kaur Sahni (*University of North Carolina at Chapel Hill, USA*)
http://www.ieee-lanman.org/presentations_2008/kaur.pdf

Analyzing Channel Assignment with Rearrangement in Wireless Networks with Directional Antennas

Sandeep Ahuja (*University of Arizona, USA*),
Srinivasan Ramasubramanian (*University of Arizona, USA*)
http://www.ieee-lanman.org/presentations_2008/ramasubramanian.pdf

Implementation of a Cooperative MAC protocol using a Software Defined Radio Platform

Ankit Sharma (*Indian Institute of Technology Kanpur, India*),
Vikas Gelara (*Indian Institute of Technology Kanpur, India*),
Shashi Singh (*Polytechnic University, USA*),
Thanasis Korakis (*Polytechnic University, USA*),
Pei Liu (*Polytechnic University, USA*),
Shivendra Panwar (*Polytechnic University, USA*)
http://www.ieee-lanman.org/presentations_2008/korakis_coopMAC_WARP.pdf

02:35 PM - 03:00 PM Coffee Break

03:00 PM - 04:05 PM Session 7: Network Dynamics

Chair: **Cornel Pampu** (*Huawei Technologies, Germany*)

Invited paper: "Address and Traffic Dynamics in a Large Enterprise Network"

Thomas Karagiannis (*Microsoft Research, UK*),
Richard Mortier (*Vipadia Ltd. USA*)
http://www.ieee-lanman.org/presentations_2008/karagiannis.pdf

DIPStorage: Distributed Architecture for Storage of IP Flow Records

Cristian Morariu (*University of Zurich, Switzerland*),

Thierry Kramis (*Universität Zürich, Switzerland*),
Burkhard Stiller (*University of Zürich and ETH Zürich, Switzerland*)
http://www.ieee-lanman.org/presentations_2008/morariu.pdf

Exploiting Causality and Communication Patterns for Network Data-mining

Pekka Pietikäinen (*Oulu University, Finland*),
Joachim Viide (*Oulu University, Finland*),
Juha Röning (*Oulu University, Finland*)
http://www.ieee-lanman.org/presentations_2008/pietikainen.pdf

04:05 PM - 04:20 PM Closing Remarks

07:00 PM - 09:00 PM Banquet at Bellagio Restaurant
Special guests: "Honoris" Chamber Orchestra (*Technical University of Cluj-Napoca, Romania*)
http://www.ieee-lanman.org/movies_2008/honoris_chamber_orchestra.avi

Saturday September 6, 2008

07:45 AM - 08:00 PM Trip to Sibiu (Hermannstadt), the Cultural Capital of Europe in 2007
<http://www.ieee-lanman.org/trip.php>

PRESENTATIONS ARCHIVE:

http://www.ieee-lanman.org/presentations_2008.zip

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http://www.ieee-lanman.org/photos_2008/photos_2008_Sept_7.zip

LANMAN 2008 VIEWED BY:

Srinivasan Ramasubramanian
<http://asterix.ece.arizona.edu/~srini/LANMAN-2008/>

PDF VERSION:

<http://www.ieee-lanman.org/program2008.pdf>

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