

ECRR 2007

8th EUROPEAN CONFERENCE ON FIXED WIRELESS NETWORKS AND TECHNOLOGIES

Final Program

Tuesday, April 3rd

10:00 AM – 12:30 PM

Registration

2:00 PM – 3:30 PM (room Pasteur)

Conference Opening

Session 1: Application & Economics (Mats Ohman)

- S1.1 Efficiency improvement of fixed wireless in NGN environment**
Hans –Peter Petry (Detecon International)
- S1.2 A future for broadband fixed wireless access**
Terje Tjelta, Isabelle Tardy, Ole Grondalen, Lisa Henden (Telenor R&I)
- S1.3 Next generation transport microwave for 3G network infrastructure**
Ross Lunan (Harris Corporation)
- S1.4 New paradigm in fixed wireless PDH/SDH/Ethernet point-to-point access radios**
Stéphane Varin (Harris Corporation)

Coffee Break

4:00 PM – 5:30 PM (room Pasteur)

Session 2: Spectrum Management & Regulatory Aspects (Laurent Bellot)

- S2.1 Broadband Wireless access networks – Standardization activities in ETSI and other Fora**
Bernd Friedrichs (Ericsson GmbH)
- S2.2 Recent evolution and trends in point-to-point fixed radio systems in the European regulatory and standardization environment**
Laurent Bellot (Harris Corporation)
- S2.3 Flexible spectrum management for introduction of novel broadband fixed wireless systems**
Arthuras Medeisis (CEPT SE19)
- S2.4 Multi Gigabit wireless systems (MGWS) around 60 GHz**
Marc Le Devendec (European Radiocommunications Office)

5:30 PM – 6:00 PM (room Pasteur)

Round table: Regulations vs Market opportunities

Wednesday, April 4th

9:00 AM – 10:30 AM (room Pasteur)

Session 3: Access Networks (Erik Stilling)

- S3.1 Failure handling and efficient data transport in wireless Ethernet networks using adaptive modulation**
Torsten Mueller, Herbert Leuwer, Thorsten Kaiser (Ericsson GmbH)
- S3.2 Siemens microwave network management systems: experiences and solutions**
M. Alberti, M. Bernini, M. Frassetto (Siemens S.p.A)
- S3.3 Quality evaluation of VoIP service over IEEE 802.11 wireless LAN**
Andrea Barbaresi, Massimo Colonna, Andrea Mantovani, Giovanna Zarba (Telecom Italia)
- S3.4 Trial link measurements on an adaptive modulation implementation on existing PDH radios**
Massimo Grimoldi, Gianni Marion (Siae Microelettronica S.p.a.)
Paolo Agabio, Bruno Cornaglia, Stefano Veclani (Vodafone Omnitel N. V.)

Coffee Break

11:00 AM – 12:30 PM (room Pasteur)

Session 4A: Equipment technologies Point to Point (Marcello Salerno)

- S4A.1 Full SMT 38 GHz integrated radio for point to point low capacity links**
M. Piloni, S. Bianchi, G. Montiron (Siemens S.p.A.)
- S4A.2 A solution for an IP/Ethernet radio: concept and implementation of a technological Demonstrator**
Sergio Bianchi, Andrea Dell'Orto, Roberto Rezzonico (Siemens S.p.A.)
- S4A.3 A new SDH trunk radio system for 3 GHz – 13 GHz bands**
M. Biester, U. Hülsen, G. Schneider (Ericsson GmbH)

Lunch

2:00 PM – 3:30 PM (room Pasteur)

Session 4B: Equipment technologies Point to Point (Khaled Fazel)

- S4B.1 System design consideration for a universal scalable point to point radio**
San Jao (Harris Corporation)
- S4B.2 A compact SDH/SuperPDH ODU platform**
L. Ferrucci, S. Fusi, F. Morgia (Siemens S.p.A.)
- S4B.3 An indoor unit with integrated ADM**
A. Dal Lago, A. Eggenhoffner, R. Rezzonico (Siemens S.p.A.)
- S4B.4 SENCITYTM link 60 – a wireless point-to-point transparent Ethernet bridge**
Volker Schwarz, Peter Serbe, Uhland Goebel (Huber+Suhner AG)
- S4B.5 2xSTM1 frequency reuse system with XPIC**
Leonardo Rossi, Nunzio Calia, Marco Nava, Cesare Salvaneschi (Siae Microelettronica S.p.A.)
Paolo Agabio, Bruno Cornaglia, Ari Ratia (Vodafone Omnitel S.p.A.)

Coffee Break

4:00 PM – 4:30 PM (room Pasteur)

Round table: Point to Point systems

4:30 PM - 6:00 PM (room Lagrange)

Exhibition

Thursday, April 5th

9:00 AM – 10:00 AM (room Pasteur)

Session 5: Planning & Deployment (Sandro Dionisi)

- S5.1 About the use of FSO and 58GHz microwave systems in the UMTS Access Network**
Luca Stroppolo (Ericsson Italy)
- S5.2 CAST: a software package for the design of radio relay networks**
V. Benedetto, P. Di Cristofano, M. Duca, D. Fossati, G. Rigamonti, I. Rizzo (Siae Microelettronica S.p.A.)
- S5.3 A model for WIMAX coverage & capacity performance estimation**
Paolo Agabio, Bruno Cornaglia (Vodafone Omnitel N.V.)
Roberto Arco (auSystems Italia S.p.A.)

10:00 AM – 10:30 AM (room Pasteur)

Invited paper WIMAX Forum

Coffee Break

11:00 AM – 12:30 AM (room Pasteur)

Session 6: WIMAX (Erik Stilling)

- S6.1 Deployment and design of multiantenna solutions for fixed WiMax systems**
M. Nicoli, U. Spagnolini (Dip. Elettronica e Informazione, Politecnico Milano)
L. Sampietro, C. Santacesaria (Siemens S.p.A.)
- S6.4 Architectural solutions and implementation for a WiMAX base station**
Luigi Cervi, Alessandro Greco, Angelo Pasotti (Siemens S.p.A.)
- S6.5 WayMAX@vantage system: the Siemens platform for delivering packet-based data/voice services based on the WiMAX/IEEE802.16 standard**
Alessandro Nevola, Luigi Lovino (Siemens S.p.A.)

Lunch

2:00 PM – 3:00 PM (room Pasteur)

Round table: WIMAX

Conference closing