

Czech Technical University, Faculty of Electrical Engineering, Department of Measurement, Prague, Czech Republic
IMEKO International Confederation of Measurements, Czech National Committee
Institute of Radio Engineering and Electronics - Academy of Science of the Czech Republic
IEE Communication Networks and Services Professional Network
ETSI European Standards Institute

MESAQIN 2005

Measurement of Speech and Audio Quality in Networks

Conference Program

<http://wireless.feld.cvut.cz/mesaqin/>

Prague, June 9 - June 10, 2005
Hotel Hilton Prague, Pobřežní 1, 186 00 Prague 8, Czech Republic

MEETING ROOM Chez Louis, 1st floor

Thursday, June 9

9.00 Registration

9.30 Introduction

9.40 Invited Lectures:

- *MULTIMEDIA NETWORK PERFORMANCE OPTIMIZATION BY COMPLEMENTING INTRUSIVE PERCEPTUAL MEASUREMENTS BY NON-INTRUSIVE ONES (P.563 PERCEPTUAL VS. PACKET-BASED APPROACHES)*, M. Keyhl, Opticom, Germany
- *POSSIBLE FUTURE DIRECTIONS IN SPEECH TRANSMISSION AND THEIR CONSEQUENCES FOR QUALITY MEASUREMENT APPROACHES AND METHODS*, J. Holub, J. Tuckova, FEE CTU, Czech Republic

10.20 Coffee Break

10.40 Paper Session I:

- *MULTIMEDIA OPINION MODEL BASED ON MEDIA INTERACTION OF AUDIO-VISUAL COMMUNICATIONS*, Nobuhiko Kitawaki, Yusuke Arayama, and Takeshi Yamada
- *ASSESSING THE QUALITY OF VOIP TRANSMISSION, AFFECTED BY PLAYOUT BUFFER SCHEME*, Miroslaw Narbutt, Mark Davis
- *WIRELESS VOIP AT HOME: ARE WE THERE YET?*, Gerardo Rubino, Martin Varela and Jean-Marie Bonnin
- *METHOD OF CHOICE OF TEST SIGNALS FOR AUTOMATIC INTRUSIVE MEASUREMENT VTQOS*, Peter Počta, Martin Vaculík

12.00 Lunch (Hilton Prague)

14.00 Paper Session II:

- *SPEECH INTELLIGIBILITY ESTIMATION BASED ON PHASE CORRELATION INDEX*, S. Gotoh, M. Kazama, M. Tohyama
- *STUDY OF THE RELATIONSHIP BETWEEN SUBJECTIVE CONVERSATIONAL QUALITY, AND TALKING, LISTENING AND INTERACTION QUALITIES: TOWARDS AN OBJECTIVE MODEL OF THE CONVERSATIONAL QUALITY*, Marie Guéguin, Valérie Gautier-Turbin, Laëticia Gros, Vincent Barriac, Régine Le Bouquin-Jeann and Gérard Faucon

- *A BASIC EXPERIMENT ON TIME-VARYING SPEECH QUALITY*, Stephen Voran
- 15.00 Sponsor presentation
- 15.10 Coffee Break
- 15.30 Paper Session III:
 - *METHODOLOGY FOR VOICE TRANSMISSION MEASUREMENT SYSTEMS VERIFICATION*, Holub, Doležalová, Šmíd
 - *STANDARDISED ACOUSTIC ECHO CONTROL TESTS FOR MOBILE TELECOMMUNICATION NETWORKS*, Ville-Veikko Mattila, Olli Kirla
 - *SUBJECTIVE QUALITY INDEX FOR COMPATIBLY EVALUATING NARROWBAND AND WIDEBAND SPEECH*, Akira Takahashi, Atsuko Kurashima
- 16.30 Technical presentation:
 - *OPERATIONAL MEASUREMENT OF VOIP SERVICE QUALITY USING DISTRIBUTED PERFORMANCE MONITORING AND RTCP XR*, Alan Clark, Telchemy, presented by Ch. Schmidmer, M. Kastner
- 17.00 End of Day I
- 19.00 Dinner (Municipal House, Swing Band performance)

Friday, June 10

- 9.30 Paper Session IV:
 - *A PERCEPTUAL OBJECTIVE MEASURE FOR NOISE REDUCTION SYSTEMS*, Valerie Gautier-Turbin, Nicolas Le Faucheur
 - *NOISE ESTIMATION AND NOISE-SUBTRACTED SPEECH QUALITY*, M.Kazama and M.Tohyama
 - *INTERACTION MODE AWARE PLAYOUT DELAY ADJUSTMENT ALGORITHM FOR PACKETIZED AUDIO*, H. Levonyan
- 10.30 Sponsor Presentation
- 10.40 Coffee Break
- 11.00 Paper Session V:
 - *COMPARISON BETWEEN SILENCE SUBSTITUTION AND PACKET REPETITION FOR REAL-TIME SPEECH COMMUNICATIONS*, M. Sarwar Ehsan, G. Kubin
 - *EXPLORING THE EXTENT AND IMPACT OF PLAYOUT ADJUSTMENTS WITHIN VOIP APPLICATIONS ON MOS SCORES*, Hugh Melvin, Liam Murény
 - *A TOOL FOR ANALYZING AUDIO AND VIDEO ADVERTISING IN REAL TIME*, S. Barbato, A. Scarone and G. Rubino
- 12.00 Lunch (Hilton Prague)
- 14.00 Technical Presentation: *THE ACCENDO CUSTOMER EXPERIENCE MANAGEMENT MODEL*, Noel O'Brien, Accendo Technologies
- 14.30 Sponsor Presentation
- 14.40 Closing Session & Coffee
- 15.00 Excursion to MESAQIN laboratory in FEE CTU (OPTIONAL)
- 17.00 End of Day II

Further details are available at: <http://wireless.feld.cvut.cz/mesaqin/meeting.html>