

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

MESAQIN 2004

Measurement of Speech and Audio Quality in Networks

Conference Program

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

Prague, June 10 - June 11, 2004
Czech Technical University, Technicka 2, 16627 Prague 6, Czech Republic

MEETING ROOM 316/4, the 3rd floor

Thursday, June 10

9.00 Registration

9.30 Introduction

9.45 Invited Lecture:

New Standard ITU-T P.563, M. Keyhl, Opticom, Germany

10.30 Coffee Break

11.00 Paper Session I:

Sporadic Signal Loss Impact on Auditory Quality Perception, R. Pastrana, J. Gicquel, C. Colomes, Ch. Hocine

Subjective Audio Tests: Quality of Some Codecs When Used in IP Networks, C. Colomes, M. Varela, J. CH. Gicquel

12.00 Lunch (Restaurant Grill Billiard Club)

14.00 Paper Session II:

Objective Quality Assessment of Wideband Speech Coding using W-PESQ Measure and Artificial Voice, N. Kitawaki, K. Nagai, T. Yamada:

Measurement of Speech Intelligibility Based on the PESQ Approach, J. G. Beerends, E. Larsen, N. Iyer

15.00 Coffee Break

15.30 Panel Discussion I:

"Early Warning" Speech Quality Measurement applications

Speech Quality Measurement based routing and carrier selection applications

Dependency between Speech Quality and average call duration in the network and consequent applications

17.00 End of Day I

19.00 Dinner (Restaurant Olympia)

Friday, June 11

9.30 Paper Session III:

A Method for Quantitative Evaluation of Audio Quality over Packet Networks and Its Comparison with Existing Techniques, S. Mohamed, M. Varela and G. Rubino

A Bottom-Up Algorithm for Estimating Time-Varying Delays in Coded Speech, S. D. Voran

10.30 Coffee Break

11.00 Paper Session IV:

Processing Power Optimisation for PESQ, J. Holub, J. Ocenasek

Predicting Performance of PESQ in Case of Single Frame Losses, Ch. Hoene, E. Dulamsuren-Lalla

12.00 Lunch (Restaurant Grill Billiard Club)

14.00 Panel Discussion II:

Relationship between objective and perceived quality for new types of media content

Evolution of perception-based methods towards new applications: multimedia content, audio/video streaming, push to talk, video telephony,...

15.00 Coffe Break

15.30 Panel Discussion III

17.00 End of Day II