Workshop
28 January 2009
Brussels

Hearing Screening and new Technologies

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Venue
Representation of the State of North Rhine-Westphalia to the European Union
Rue Montoyer 47
1000 Brussels
Phone: +32 (2) 739-1775
http://www.europa.nrw.de
Public transport: Metro 2, stop Trône/Troon

Registration
Participation is free of charge.
Your registration is expected before 14 January 2009 by sending an email to m.vlaming@vumc.nl
Hearing Screening and new Technologies

Hearing problems are an important problem for the modern society which is becoming more and more communication-oriented. As the focus of such problems lies on sound and speech, many people experience severe limitations in their activities. The EU-funded project HearCom addressed this issue by developing new technologies and methods to detect, diagnose, rehabilitate and compensate for, hearing problems.

This workshop gives the opportunity to learn about the new developments on hearing screening, hearing diagnostics and hearing assistive technologies. Participation is free of charge.

Program 28 January 2009

9:30 Registration and Coffee

10:00 Welcome and Introduction
Prof. Dr. Tammo Houtgast, scientific coordinator HearCom, VUmc, NL

Living with Hearing Loss: How Technology can help
Katherine Phipps, The Royal National Institute for Deaf People (RNID), UK

Hearing Screening in Europe
Prof. Dr. Bruno Frachet, Association Presbyacusie, FR

FP7 Research and Policies for Accessible and Assistive ICT
Dr. Rolf Riemenschnieder, DG Information Society and Media, EU

Hearing Industry Perspectives for EU funded Hearing Research
Dr. Nikolai Bisgaard, GN Resound, DK

11:00 Coffee and Tea

11:30 Parallel session 1A: Hearing Screening in Europe
 moderator: Prof. Dr. Birger Kollmeier

Development and Implementation of the Dutch Hearing Screening tests
Dr. Cas Smits, VUmc, NL

Hearing Screening tests by Telephone and Internet: HearCom Implementations in several Countries
Dr. Michael Buschermöhl, HöörTech, DE

Multilingual Speech tests in several European Countries: Validation and cross-language Comparison
Dr. Kirsten Wagener, HZO, DE

Demonstrations Discussion

11:30 Parallel session 1B: Wireless Services for Hearing Aids
 moderator: Dr. Marcel Vlaming

Wireless Communication for Hearing Devices and Integration into Wireless Body Area Networking (WBAN)
Johan Van Ginderdeuren, NXP Semiconductors, BE

Optimal Codec for Wireless Communication Links
Prof. Dr. Bastiaan Kleijn, KTH, SE

Wireless Public Announcement system for Hearing Devices
Javier Sainz, Moviquity, ES

Demonstrations Discussion

13:00 Lunch and Demonstrations

14:00 Parallel session 2A: Auditory Profile for Europe
 moderator: Prof. Dr. Wouter Dreschler

The Composition of the Auditory Profile
Prof. Dr. Mark Lutman, ISVR, UK

Implementation of the Auditory Profile on OMA
Dr. Daniel Berg, HöörTech, DE

Classification of Hearing Impairments using the Auditory Profile and its Relevance for Technical Rehabilitation
Prof. Dr. Wouter Dreschler, AMC, NL

Demonstrations Discussion

14:00 Parallel session 2B: Hearing Aid Developments
 moderator: Prof. Dr. Jan Wouters

Signal Processing for Hearing Aids
Prof. Dr. Arne Leijon, KTH, SE

Perceptual Evaluation of Signal Enhancement Strategies
Dr. Koen Eneman, KUL, BE

Listening Effort Scaling and Preference Rating for Hearing Aid Evaluation
Dr. Michael Schulte, HZO, DE

Demonstrations Discussion

15:30 Coffee and Tea

16:00 Final Discussions

HearCom Exploitable Products
Moderator reports with discussion

16:30 Drinks