Workshop „Mobile Health in Communication, Perception and Mobility"

	12.10.			13.10.
from 12:00	Registration		08:30	Keynote 3: Prof. Jonas Obleser: "The mobile listening mind — views from auditory neuroscience"
13:00	Opening		09:15	Session 2 (talks)
13:30	Keynote 1: Prof. Björn Schuller: "Mobile Health: The Age of Large Models and Generative AI"		10:15	Coffee break
14:15	Poster- and Demosession 1		10:30	Poster- and Demosession 2
15:15	Coffee break		11:30	Session 3 (talks)
15:30	Keynote 2: Dr. Gloria Araiza Illan: "Using a NAO robot for speech audiometry testing of cochlear-implanted children"		12:15	Closure and farewell
16:15	Session 1 (talks)		13:00	End of conference
17:35	Break/Lab-Tours			
19:00	Conference Dinner at "Zum Drögen Hasen"			

Thursday, Oct. 12th

Postersession 1

Ambulatory Assessment of Subjective Cognitive Decline (SCD) (F. Kiene, M. Roheger)

Mobile Audiological Assessment (S. Blum, M. Bach, J. Bach)

Study of Cognitive Motor Interference whilst Slacklining using Mobile EEG (L. Papin, S. Debener)

OSST: Oldenburger Sprech- und Stimmtest (L. Tuschen)

LAOLA – an App-Demonstrator for Interactive Voice Therapy (S. H. Schröder, V. Uslar, D. Weyhe)

Humanoid Robot-Assisted Speech Audiometry: Automatic Scoring via Kaldi-NL (G. Araiza-Illan, L. Meyer, K.P. Truong, D. Başkent)

Towards an objective measurement of individual listening preferences: Trait consistency and state specificity (G. Angonese, M. Buhl, J. A. Gößwein, B. Kollmeier, A. Hildebrandt)

Session 1 (talks)

Real-life cortical speech tracking and auditory attention decoding (L. Straetmans-Oehme, S. Debener)

Smartphone-based ear-EEG to study sound processing in everyday life (M. Bleichner)

Objective neurophysiological correlates of speech intelligibility (T. Habersetzer, B. Meyer, A. Radeloff)

EEG monitoring in daily life - challenges and development steps for the application cases sleep and epilepsy (W. Pätzold, A. Pelzer, F. Radke, J. Scanlon, C. de Souto, P. Vox, A. Winneke, S. Debener, K.I. Wolf)

Friday, Oct. 13th

Postersession 2

IdA - Identification of biosignals for mobile sleep screening with a special focus on apnoea (B. Szmola, L. Hornig, B. Kollmeier, K. Witt, K. I. Wolf)

CAWIP – Clinical Anatomy for Well Informed Patients (S. Busse, V. Uslar, A. U. Bräuer, V. Ödemis, S. Fudickar, A. Hein)

Speech-controlled listening tests (D. Hoffner, B. Meyer)

Detection of gait disturbances with hearing aids and smartphones (L. Feld, S. Hellmers, L. Schell-Majoor, J. Koschate, T. Zieschang, B. Kollmeier, A. Hein)

Neue innovative Lern- und Lehrmethoden: Hololens (E. C. Maier, A. U. Bräuer)

Model-based self-adjustment of hearing support in the context of the Virtual Hearing Clinic (L. Schell-Majoor, B. Kollmeier)

Time-synchronized streaming of smartphone sensor signals (P. Maanen, S. Blum, S. Debener)

Session 2 (talks)

Außerklinische Intensivtherapie und Heimbeatmung: Durch Telemedizin möglich (D. Overheu)

From Hearing to Speech - Speech Technologies for Speech and Language Therapy (L. Tuschen)

METIOR: Development of a voice assistance system for the operating room (V. Uslar)

Session 3 (talks)

SonicGuard Sensor- a multi-channel acoustic sensor for long-term measurements of abdominal sounds- a qualification study (Z. Mansour, V. Uslar, D: Weyhe, D. Hollosi, N. Strodthoff)

Psychoacoustics with limited resources: How smartphone-based hearing tests change hearing research (B. Kollmeier, L. Schell-Majoor)

Comparison of machine learning approaches for near-fall-detection with motion sensors (S. Hellmers, E. Krey, A. Gashi, J. Koschate, L. Schmidt, T. Stuckenschneider, A. Hein and T. Zieschang)

Lab-Tours (please sign up at the workshop)

Gaitlab (perturbation treadmill, gait analysis) – 10 pax

Offis (Information technologies for health care and medicine) – 10 pax

NeSSy (Virtual-Reality-Lab, Gesture-Lab, MEG, MRT) - 10 pax