



Track A – AM 2

Track B – AM 3

8:30		Registration / Presentation Upload	
8:45		Welcome	
		Psychology 1, Chair:	Auditory Technology 1, Chair:
9:00	1967	<i>Judith Kunze, Sarah Tune, Justus Student, Carla Nau, Jonas Obleser</i> Influence of low-dose ketamine on periodic and aperiodic components of resting-state EEG dynamics	1932 <i>Liana Noori, Jan Mody</i> Development of proactive maintenance strategies for the new clinical multi-channel audiometer AT2000
9:15	1969	<i>Johanna Dobroschke, Julia Preisler, Anna Matthiessen, Sandra Schumann, Nico Bunzeck</i> Similar cognitive benefits following nature and urban walks	1935 <i>Karina Kerstin Rohm, René Pallenberg, Alfred Mertins</i> Auditory Attention Decoding – Constructing a Study –
9:30	1982	<i>Kea Hartmann, Jannik Heimann, Doron Atias, Anat Perry, Ulrike Krämer</i> Voices for Empathy – The influence of information from different sensory channels on physiological emotional arousal	1950 <i>Steffen Berges, Sascha Dick, Tiziana De Lello</i> Reducing 3D audio complexity: psychoacoustic clustering and compression evaluation
9:45	1985	<i>Pia Knauf, Leonie Kloep, Corinna Peifer</i> Team Flow in Virtual Workshops: The Importance of Total Share of Speech	1980 <i>Tobias Babel, Hendrik Husstedt, Florian Denk</i> Audiovisual search task to evaluate spatial hearing with hearing aids
10:00	1990	<i>Baharak Rambod, Olga Stavrova</i> The Association between Self-Esteem and Social Relationships	1989 <i>Carolin Schnetzer, Sina Buchholz, Florian Denk, Rainer Huber, Jan Rennies-Hochmuth</i> Investigation of training effects in a developed distance estimation task paradigm
10:15	2017	<i>Moritz Hegert, Nico Bunzeck, Niels A. Kloosterman</i> Relationship between resting-state EEG variability and cognitive performance is reversed in young and older adults	2036 <i>Omar Hosari, Rene Pallenberg, Alfred Mertins</i> Evaluating different preprocessing methods for auditory attention decoding
10:30		Coffee Break / Presentation Upload	
10:45		Postersession 1	
11:30		Lunch Break / Presentation Upload	
		Psychology 2, Chair:	Auditory Technology 2, Chair:
12:30	1998	<i>Mira Christin Thomsen, Henrik Oster</i> Circadian chronotype affects bedtime procrastination independent of reward during the day	1997 <i>Luca Götzke, Piotr Majdak, Florian Denk, Ľuboš Hládek</i> Validation of an experimental setup for creating augmented acoustic environments
12:45	2007	<i>Julia Preisler, Johanna Dobroschke, Anna Emilia Matthiessen, Sandra Schumann, Nico Bunzeck</i> Short Nature Walks: A Gateway to Enhanced Psychological Wellbeing?	1999 <i>Sebastian Hensel, Siegrid Meier, Tobias Pötzl</i> Technical parameters, device settings and screening methods in AABR versus TEOAE newborn screening: A survey-based analysis



Track A – AM 2

- 13:00 2008 *Moira C. Schummer, Robin Nehler, Sarah Jessen*
Methodological Challenges in EEG Research with 11-Month-Old Infants - A Pilot Study
- 13:15 2039 *Hanna Houssein, Ajev Kiriharan, Anh Son Tran, Charlotte Jeschina, Lisa Marshall*
Relationship between sleep spindle density and declarative memory performance
- 13:30 2051 *Mara K. M. Grothus, Lilian Kojan, André Calero Valdez*
Psychological Factors in Agent-Based Epidemic Models: how Behavior Shapes Disease Outcomes
- 13:45 2004 *Laura Duwe, Christiane Attig, Tim Schrills, Thomas Franke*
Evoking Promethean Shame – Exploring Emotional Reaction to AI Systems

Track B – AM 3

- 2002 *Alina-Sophie Bockelmann, Martin Lindenbeck, Tim Jürgens, Bernhard Laback*
Effects of pulse rate and electrode on combined within-channel forward and backward masking in cochlear implant users
- 2022 *Laura Alena Leu, Katharina Mohnlein-Gilbert, Tim Jürgens*
Different adaptive directionalities of hearing aids in noisy situations with speech
- 2027 *Robert Wiedenbeck, Florian Denk, Hendrik Husstedt*
Using hearing threshold-simulating noise to explore differences in speech intelligibility and listening effort between noise and quiet
- 2030 *Tizian V. N. Adinolfi, Maja Serman, Ulrich Giese, Jürgen Tchorz*
The influence of acoustic and social factors on the loudness perception of the own voice with hearing aids – A normal hearing study –

14:00 Coffee Break / Presentation Upload

14:15 Postersession 2

Medical Imaging, Chair:

- 15:00 1938 *Larissa Ahrend, Hong Phuc Vo, Themistoklis Williams, Katayoun Doroud, Crispin Williams, Magdalena Rafecas*
Point Spread Correction for ProVision, a dedicated PET prostate scanner
- 15:15 1962 *Benedikt Gruber, Gregory Berg, Sebastian Karpf*
Set-up of an axial specimen mover with 20Hz, 1mm action path and transmitted light LED illumination
- 15:30 1966 *Tabea Volpert, Jonas Schumacher, Eric Aderhold, Pascal Stagge, Mandy Ahlborg*
Multi-contrast magnetic particle imaging in a field free line geometry
- 15:45 1925 *Ahmad Kabour, Mladen Berekovic, Rolf Meyer*
Extending WAL language with XOR-based Bit-Level Switching Activity
- 16:00 2006 *Emmanuel Ohene Adjei, Magdalena Rafecas, Jorge Roser*
Study of the Image Quality in Prompt Gamma Imaging with Non-conventional Discretization of the Field-of-View

Biomedical Engineering 1, Chair:

- 1929 *Tobias Fischer, Chiara Peine, Carlos Castelar*
Laser Self-Mixing Interferometry for Gas-Flowmetry
- 1944 *Nils Lange, Maxim Fenko, Constantin Wiesener, Daniel Laidig, Benjamin Riebold, Philipp Rostalski, Thomas Schauer*
Combination of motion data and electromyography for threshold-based swallow onset detection
- 1945 *Hannes Wieprecht, Ludger Tappehorn*
Optimizing Respiratory Gas Humidification: A Study on Mesh Nebulizer Integration with Active Humidifiers
- 1948 *Thorge Björn Grahl, Claas-Christian Seelhoff*
Evaluating the Impact of Nebulizer Placement, Humidity and Flow on Particle Size and Distribution in Mechanical Ventilation
- 1959 *Vanessa Klauenberg, Axel Künstner, Hauke Busch*
Implementation of an Algorithm for Predicting the MMR status of a Patient Based on Next-Generation Sequencing