Conferences

DAS | DAGA 2025

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Audictive at DAS/DAGA: A Special Session with International Flair

For the fifth time, we hosted a special session on AUDICTIVE at DAS/DAGA. Spread over two days, the session featured 11 talks and 2 posters, sparking lively discussions and providing plenty of valuable feedback.

This year's conference was particularly exciting, thanks to its international location. With more contributions than usual and a strong focus on hearing research, there was no shortage of fascinating insights and new perspectives.

Before diving into the session, our research group kicked off the week with a fantastic dinner at the stylish Restaurant Kanalen on Tuesday – the perfect setting to get into the conference spirit.

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Day 1

Yan, S., Zapata-Rodríguez, V., Christensen, J., Santurette, S., Ahrens, A.. Audio-visual scene analysis in aided hearing-impaired listeners using virtual reality

Raake, A., Fremerey, S., Breuer, C., Leist, L., Klatte, M., Fels, J.. Evaluation of Audiovisual Scene Analysis in Virtual Reality Classroom Scenarios

Stärz, F., Van De Par, S., Kroczek, L.O.H., Roßkopf, S., Mühlberger, A., Blau, M.. Assessing the influence of room divergence on rating acoustic attributes in interactive virtual environments

Roßkopf, S., Mühlberger, A., Stärz, F., Blau, M., Van De Par, S., Kroczek, L.O.H.. Effects of Binaural Auralizations on Presence, Realism, and Affective Reactions in Stressful Social Virtual Interactions

Breuer, C., Leist, L., Fremerey, S., Raake, A., Klatte, M., Fels, J.. Exploring the Impact of Room Acoustics on Auditory Selective Attention

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Day 2

Ermert, C.A., Ehret, J., Mohanathasan, C., Bönsch, A., Kuhlen, T.W., Schlittmeier, S.J., Fels, J. Influence of (non) intelligible background speech on memory and listening effort in conversational situations.

Daeglau, M., Bender, M., Otten, J., Mirkovic, B., Grimm, G., Hohmann, V., Debener, S. Who's turn is it? EEG correlates of visual cue interference in speaker prediction.

Vollmer, L., Schmitz, L., Loh, K., Fels, J. Cue-related evoked potentials capture auditory attention switches.

Matten, V., Stirnberg, R., Van De Par, S., Ewert, S.D., Flanagin, V.L. Brain activity discriminates acoustic simulations of the same environment.

Neudek, D., Stodt, B., Getzmann, S., Martin, R. Investigation of binaural distance estimation with artificial neural networks trained on simulated data models.

Oberfeld-Twistel, D., Kolarik, A., Huisman, T. Which acoustic cues are relevant for the auditory perception of the distance of a vehicle in a street-crossing scenario?

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Day 2

Otten, J., Llorach Tó, G., Grimm, G., Hohmann, V. Evaluating real-time lip synchronization algorithms using speech intelligibility experiments in virtual audio-visual environments.

Otten, J., Daeglau, M., Mirkovic, B., Grimm, G., Debener, S., Hohmann, V. Objective comparison of an image-based machine learning algorithm for real-time lip synchronization with a rule-based audio signal algorithm using cortical speech tracking.