

# Joint Conference on Binaural and Spatial Hearing (BASH) 2025

Nov 6 final/as given version – but last-minute changes are possible

## Thursday November 6<sup>th</sup> 2025

### Session 1: Thursday 8:00-12:15 (Omaha, US Central Standard Time)

- 1 Gin Best Measuring spatial perception with OTC hearing aids
- 2 Nathan Higgins Acoustical and behavioral analysis of a multi-talker conversation
- 3 Udbhav Singhal  
Noro Kopco Spatial Release from Speech-on-Speech Masking in Reverberation  
Evaluated Using the Portable Automated Rapid Test (remote)
- 4 Brittany Williams Spatial vs cognitive factors in individual spatial release from masking
- 5 Steven van de Par Spectral CUEs mediating the precedence effect (remote)

#### 10:00-10:15 Break

- 6 Philip Joris Recordings from binaural brainstem neurons (and their inputs) to "Zurek"  
stimuli (ongoing precedence). (remote)
- 7 Nirmal Srinivasan Lateralization acuity and perceived listening effort
- 8 Nicola La Magna Spatial release from masking and listening effort: differences between  
binaural and free-field presentation (remote)
- 9 Annesya Bannerjee Neural network models of hearing clarify the limits of spatial hearing  
through cochlear implants (remote)

### Thursday 12:15-13:15 Omaha: Lunch

### Session 2: Thursday 13:15-17:30

- 1 Matt Goupell Localization of tones revisited: Beyond mis-localization based on physical  
acoustics
- 2 Jonas Braasch Human perception in virtually created concert halls (remote)
- 3 Dan Shub Using artificial intelligence to identify interaural asymmetry in the audiogram
- 4 Ramani Duraiswami Efficient Binaural Spatial Audio Rendering Using Machine Learning Inspired  
Approaches (remote)
- 5 Scott Isabelle Binaural listening effort (remote)

#### 15:15-15:30 Break

- 6 Brian Monson Using oral-binaural room impulse responses to test effects of talker head  
orientation, talker distance, and extended high frequencies on speech  
perception in reverberant environments (remote)
- 7 Monica Folkerts Binaural cues in rooms with competing noise
- 8 Stephen David Topography of binaural spectrotemporal tuning in primary auditory cortex  
(remote)
- 9 Chris Stecker Cue weighting in judgments of auditory source width
- 10 Jörg Encke Onset weighting of interaural coherence in hearing impaired listeners  
(remote)

Thursday 17:30-18:00 Omaha: caravan to Chris Stecker's house or meet there

# Joint Conference on Binaural and Spatial Hearing (BASH) 2025

Friday November 7<sup>th</sup> 2025

## Session 3: Friday 8:00-12:15

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|--------------------------|-------------------|--|
| 1                        | Avgeris Tsironis  | Greek adaptation of the coordinate response measure corpus (remote)                          |
| 2                        | Julie Meyer       | HRTF adaptation and generalization (remote)  |
| 3                        | David Meijer      | Serial dependence in sound localization (remote)   |
| 4                        | Yi Zhou           | Visual capture of spatial responses in the auditory cortex (is rather weak)                  |
| 5                        | Dan Tollin        | Effects of aging on brainstem and behavioral mechanisms of binaural hearing                  |
| <b>10:00-10:15 Break</b> |                   |  |
| 6                        | Andrew Brown      | Binaural interaction in the human auditory brainstem response as measured in the nasopharynx |
| 7                        | Erol Ozmeral      | BKB sentence perception across spatial configurations  |
| 8                        | Martin Skoglund   | An experiment with eye-gaze steered beamforming  |
| 9                        | Ryan Corey        | Signal processing for preserving spatial cues (remote)                                       |
| 10                       | Martijn Agterberg | Consensus on how to measure sound localisation in a clinical setting (remote)                |

**Friday 12:15: adjournment. Lunch / explore on your own. Possible tours**