

Joint Conference on Binaural and Spatial Hearing (BASH) 2026

Preliminary version – subject to change

Thursday October 22nd 2026

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

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|---|-----------------------|--|
| 1 | Matt Goupell | Effect of age, hearing loss, and interaural asymmetry on interaural discrimination abilities |
| 2 | Erol Ozmeral (R) | Simultaneous behavioral and neural measures of spatial release from masking |
| 3 | Nathaniel Spencer (R) | Personal Transition from hearing aid user to hearing aid/cochlear implant user |
| 4 | Dan Shub | Using Audiometric Interaural Asymmetry to Predict Future Hearing Changes |
| 5 | Yi Zhou | Consistent Interaural Time Difference Across Frequencies ("Straightness") Reduces Binaural Cue Ambiguity |

10:00-10:15 Break

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| 6 | Emily Buss | Spatial weights in kids with hearing loss |
| 7 | Ben Zobel (R) | Effects of interaural time and intensity cues on spatial discrimination and spatial release from informational masking |
| 8 | Laura Stausholm Hansen (R) | Neural and behavioural sensitivity to interaural time differences in children with and without a history of otitis media |
| 9 | Carmen Castaneda* | Speech Recognition vs. Spatial Hearing: Trade-Off Analysis of Mixed-Rate CI Strategies as a Function of Low-Rate Channel Count (preliminary) |
| 10 | <i>*Travel Award Presentations and Introductions</i> | |

Thursday 12:15-13:15 Lunch

Session 2: Thursday 13:15-17:30

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| 1 | Monica Folkerts | Temporal weighting functions for sound localization in competing noise |
| 2 | Will Bologna (R) | How to throw a good cocktail party: Practical considerations for virtual acoustic environments. |
| 3 | Maggie Miller | VR displays enhance localization in complex scenes |
| 4 | Ahsa Hui (R) | Pediatric speech recognition performance in virtual reality test environment |
| 5 | Owen Brimijoin | Lightweight 6DoF spatialization on glasses (with demo) |

15:15-15:30 Break

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| 6 | Bonnie Lau (R) | Development of binaural hearing |
| 7 | Hari Bharadwaj | How spatial selective attention strategy changes in folks who live with sensorineural hearing loss (EEG results). |
| 8 | Vasileios Menikos* | MVPA on neuronal representations of auditory cues |
| 9 | Nirmal Srinivasan | The Role of Extended High Frequency Energy on Lateralization Acuity and Perceived Listening Effort |
| 10 | Bill Yost (R) | Three Challenges for Actual Sound-Source Localization |

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

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Friday October 23rd 2026

Session 3: Friday 8:00-12:15

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|---|---------------------|---|
| 1 | Ellen Peng | Recent work on concurrent minimum audible angle |
| 2 | Hannah Meineke (R) | IPM-FR for fine structure and envelope ITD in normal hearing children and young adults |
| 3 | Yeganeh Modaresnia* | Combining behavioral experiments and EEG to investigate how spatial cues guide auditory attention |
| 4 | Nate Higgins | Stream Segregation in Complex Listening Environments |
| 5 | Doug Brungart (R) | Tone in noise detection as a tool for measuring auditory performance in noise-exposed listeners. |

10:00-10:15 Break

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| 6 | Andrew Brown | Toward resolution of front-back and vertical localization errors during the use of hearing protectors |
| 7 | Dan Tollin | Binaural and spatial hearing |
| 8 | Doug Sladen (R) | Benefits of gamified auditory training or use of virtual reality test environments for measuring pediatric speech perception |
| 9 | Lindsey Jorgenson (R) | Fitting the head, not the devices: Exploring binaural processing gaps in hearing aid verification |
| 10 | Chris Stecker | Does the ITD dominant region change with age? |

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