

# Joint Conference on Binaural and Spatial Hearing (BASH) 2024

Thursday November 7<sup>th</sup> 2024

## Session 1: Thursday 8:00-12:15 Omaha / 14:00-18:15 Oldenburg

- 1 Gin Best *topic needed*
  - 2 Doug Brungart *topic needed*
  - 3 Nicole Rosskothan-Kuhl Sensitivity to Pulse Timing and Envelope ITDs in Prosthetic Hearing (remote)
  - 4 Emily Buss Assessing spatial hearing in CI users
  - 5 Nils Marggraf-Turley Comparative Analysis of EEG-Based Sound Location Decoding Between Real and Virtual Listening (remote)
- 10:00-10:15 Break**
- 6 Udbhav Singhal *topic needed* Binaural reweighting?
  - 7 Tobias Greif *topic needed* (remote)
  - 8 Monika Folkerts Interaural correlation and aging
  - 9 Catherine Carr Plasticity in ITD circuits
  - 10 Chris Conroy Behavioral data from monkeys performing an ILD discrimination task (remote)

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

## Session 2: Thursday 13:15-17:30 Omaha / 19:15-23:30 Oldenburg

- 1 Theo Goverts Acoustic realism of clinical tests: speech-likeness and interaural coherence
  - 2 Brittany Williams SRM and lateralization
  - 3 Bill Yost What Wallach got Right and Wrong about Head Motion and Front/Back Reversals (remote)
  - 4 Anhelina Bilokon *topic needed*
  - 5 Nirmal Srinivasan Apriori information and binaural processing
- 15:15-15:30 Break**
- 6 Rodrigo Pavao Optimal coding in auditory spatial perception (remote)
  - 7 Dan Tollin BIC of the ABR in human compared to lateralization performance
  - 8 Sara Momtaz Spatial hearing in UHL
  - 9 Yi Zhou *topic needed* (remote)
  - 10 Dan Shub Effects of Hearing Loss on N0Spi Detection

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

# Joint Conference on Binaural and Spatial Hearing (BASH) 2024

Friday November 8<sup>th</sup> 2024

**Session 3: Friday 8:00-12:15 Omaha / 14:00-18:55 Oldenburg**

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|--------------------------|----------------------------|--|
| 1                        | Nate Higgins               | <i>topic needed</i>  |
| 2                        | Harshada Mali / K.V. Nisha | Spatial hearing, binaural processing, virtual acoustics (remote)                                 |
| 3                        | Roland Feger               | Extending NWB to represent auditory stimuli (dichotic, freefield, virtual)                       |
| 4                        | Katarina Poole             | Numerical and perceptual differences between measured and synthesised HRTFs (remote)             |
| 5                        | Lakshmi Govindarajan       | <i>topic needed</i> (remote)   |
| <b>10:00-10:15 Break</b> |                            |  |
| 6                        | Ellen Peng                 | <i>topic needed</i>  |
| 7                        | Tim Fleiner                | <i>topic needed</i> (remote)   |
| 8                        | Rich Freyman / Pat Zurek   | Factors affecting the frequency limits of IPD discrimination (remote)                            |
| 9                        | Chris Stecker              | Frequency and rate limitations in binaural hearing   |
| 10                       | Matt Goupell               | Relationship between Basic Binaural Processing, Functional Outcomes, and Audiometric Assessments |

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