

Joint Conference on Binaural and Spatial Hearing (BASH) 2022

Thursday November 10th 2022

Session 1A

Thursday 9:00-11:00 Boston / 15:00-17:00 Oldenburg / Friday 1:00-3:00 Sydney

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|---|-------------------|---|
| 1 | Les Bernstein | Speech detection and speech intelligibility measured diotically and dichotically in listeners with, at most, "slight" hearing loss and who are partitioned on the basis of absolute thresholds at 4 kHz |
| 2 | John Culling | Localisation bias, error, precision and accuracy |
| 3 | Gin Best | Externalization and hearing aids |
| 4 | Erin Driscoll | Room Impulse Response inference from coherence properties of speech and music signals |
| 5 | Steven van de Par | Some implications for binaural modelling derived from narrow-band (No Σ)tau data with different noise statistics |

Session 1B

Thursday 11:20-13:00 Boston / 17:20-19:00 Oldenburg / Friday 3:20-5:00 Sydney

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|---|------------------|---|
| 1 | Lina Reiss | Binaural fusion, speech segregation, and free field vowels |
| 2 | Noro Kopčo | Binaural cue reweighting: Why does visually guided localization training in real environment always result in an increase of the ILD weighting? |
| 3 | Annika Neidhardt | Image shift effect caused by strong early reflections |
| 4 | Bill Hartmann | Hilbert transformations between binaural differences |

Session 2A

Thursday 16:00-18:00 Boston / 22:00-24:00 Oldenburg / Friday 8:00-10:00 Sydney

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|---|-----------------------------|---|
| 1 | Nicole Rosskothén-Kuhl | Interaural time difference sensitivity with bilateral cochlear implants: What the animal model teaches us |
| 2 | Talat Jabeen/
Bonnie Lau | Interaural Phase Modulation Response in Infants and Children |
| 3 | Justin Aronoff | CI users' bilateral pitch matching with temporal and place cues |
| 4 | Marise van Zyl | Listeners' audio-visual perception of acoustic space |
| 5 | Bill Yost | Brief Historical Overview of Sound-Source Localization |

Joint Conference on Binaural and Spatial Hearing (BASH) 2022

Session 2B

Thursday 18:20-20:00 Boston / Friday 0:20-2:00 Oldenburg / Friday 10:20-12:00 Sydney

- 1 Erick Gallun A gamified test of spatial release from masking: What fun is it anyway?
- 2 Hari Bharadwaj Individualized assays of TFS processing and relationship to speech perception in noise
- 3 Joe Schlesinger/
Ayush Sangari Auditory icon alarms with haptic notifications
- 4 Chris Stecker Onset-like events at low SNR: restarting Houtgast and Plomp (1968)

Friday November 11th 2022

Session 3A

Friday 9:00-11:00 Boston / 15:00-17:00 Oldenburg / Saturday 1:00-3:00 Sydney

- 1 Philip Joris Limits on coincidence detection in MSO
- 2 Abigail Anne Kressner Characterizing SSD patients' individual localization ability and correlation with speech-in-noise in a more realistically complex listening scenario
- 3 Erol Ozmeral New work on a spatial release from masking task
- 4 Robert Baumgartner Role of Spectral Gradients and Interaural Disparities in Sound Externalization
- 5 Piotr Majdak The effect of dynamic spectral cues for sound localization during small head movements

Session 3B

Friday 11:20-13:00 Boston / 17:20-19:00 Oldenburg / Saturday 3:20-5:00 Sydney

- 1 Marc Schoenwiesner slab: easy manipulation of binaural sounds and spatial hearing experiments in Python
- 2 Norbert Bischof Fast cue extraction needed to predict binaural unmasking of dynamic signals in noise
- 3 Will Bologna Positioning strategies in simulated complex listening environments
- 4 Gaston Hilkhuisen Spatial release of masking in daily life while using commercial hearing aids