

# CI Crash 2023

13<sup>th</sup> annual meeting

University of Minnesota

Walter Library 4<sup>th</sup> Floor, East Bank Campus, Minneapolis

Friday, October 20, 9am – 5pm

Saturday, October 21, 9am – 12pm

**Thursday, October 19, 6-8pm**

Pre-meeting dinner/social at La Rive Condos, 110 Bank St SE, Minneapolis, MN 55414

**Friday, October 20, 2023**

8-9am. Breakfast

*Session 1. Chair: Andrew Oxenham*

9-9:30am. Joel Berger, University of Iowa. Predicting speech-in-noise ability from neural responses in cochlear implantees.

9:30-10am. Agudemu Borjigin, University of Wisconsin, Madison. Using interaural time difference thresholds to create individualized “mixed rate” processing strategies for sound localization among bilateral cochlear implant listeners.

10-10:30am. Harley Wheeler, University of Minnesota. Development of a stimulus corpus and experimental approach to test CI listeners’ perception of prosodic focus.

10:30-11am. Coffee break.

*Session 2. Chair: Melissa Polonenko*

11-11:30am. Julie Arenberg, Harvard Medical School. Comparing research processing strategies with varying degrees of focused stimulation.

11:30-12pm. Madeleine Campbell, CUNY. Impact of acoustic hearing on music spatialization.

12-1pm. Lunch

*Session 3. Chair: Hubert Lim*

1-1:30pm. Ellen Peng, Boys Town National Research Hospital. Effect of reverberation on spatial masking release for young bilateral cochlear implant users.

1:30-2pm. Yi Shen, University of Washington, Seattle. Bayesian adaptative procedures for profiling a listener's loudness perception.

2-2:30pm. Emily Burg, Vanderbilt University Medical Center. Identification of vowels with different formats presented to each ear.

2:30-3pm. Coffee break.

*Session 4. Chair: Peggy Nelson*

3-3:20pm. Tereza Krogseng, University of Minnesota. Limitations on CI use of F0 for perceiving stress in words

3:20-3:40pm. Miski Mohamed, University of Minnesota. Measuring the effort of knowing that upcoming speech will be difficult.

3:40-4:10pm. Erin O'Neill, GN ReSound. Ready, Set, Go! Insight from a CI Driver and Scientist.

4:15-5pm. Tour of CATSS

5:30-8pm. Dinner at the Campus Club, 4th Floor, Coffman Memorial Union

**Saturday, October 21, 2023**

8-9am. Breakfast.

*Session 5. Chair: Matt Winn*

9-9:30am. David Landsberger, New York University Medical Center. Vocal mimicry of emotion.

9:30-10am. Heather Kreft, University of Minnesota. Comparing multiple measures of electrode-neural interface in cochlear-implant users.

10-10:30am. Charlotte Jeppsen, University of Iowa. Two ears might not be enough: Speech perception in CI users with single-sided deafness (SSD).

10:30-11am. Coffee Break

*Session 6. Chair: Andrew Oxenham*

11-11:30am. Valeriy Shafiro, Rush University, Chicago. Clinical predictors of speech recognition performance after cochlear implantation.

11:30am-12pm. Sarah Colby, University of Iowa. Development of a language assessment for individuals with hearing loss.

**End of Conference**