

Sonova Innovation Centre Toronto

Newsletter August 2024

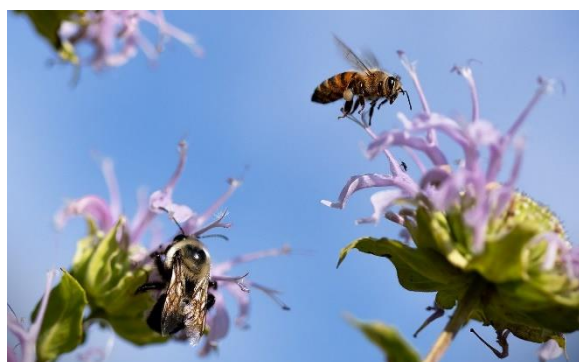
Summer is in full swing! This is the time of the year when we hear the insects buzzing in the air, the thunderstorms roll over the lands, the splashing of water in the rivers and lakes, as well as the crackling of a cozy campfire in the evening, maybe accompanied by a song or two on the guitar.

We hope you enjoy Summer as much as we do! In the meantime, our next research projects are around the corner, and we are looking forward to seeing you at one of our Innovation Centres soon!

Jinyu Qian, PhD

Vice President, Sonova Innovation Centre
Toronto, ON, Canada

Adjunct professor, State University of New York
at Buffalo, NY, U.S.A.



Contact us:

Sonova Innovation Centre Toronto

innovation.toronto@sonova.com

Mississauga: 905 745 6785

Kitchener: 226 808 3260

New technology spotlight



For the first time in the hearing aid industry, Phonak is applying Artificial Intelligence/Deep Neural Network to sound processing using a dedicated AI chip,

DEEPSONIC™. Deep Sound Optimized Neural Integrated Chip is an absolute game changer, expanding the listening range from all directions delivering unparalleled speech clarity by separating speech from noise. Study results show significant improvements when listening to speech in noise.

Read more: <https://tinyurl.com/SphereFSN> and <https://tinyurl.com/SphereInsight>

Completed studies

With the colder months of the year approaching soon, it's good to know that remote microphones can effectively reduce effort and difficulty in conversations while wearing face masks. A team around Dr. Ewen MacDonald and Dr. Ieda Ishida recently presented the results of a remote microphone study at the conference of The Acoustical Society of America in Ottawa, ON.

Read more: <https://tinyurl.com/rogerface masks>

Participate in upcoming studies!

This Fall, we will start new research projects in Kitchener and Mississauga involving speech tests in noise and rating sound quality while wearing hearing aids. Please reach out if you are interested in participating!

Our
research
partners:



Interested in
research?
Contact us!