Graduate Positions for Cochlear Implant Engineering

The Auditory Biophysics Laboratory (ABL) at Western University is a multidisciplinary team of engineers, scientists, and surgeons focusing on impacting hearing healthcare through the optimization of auditory implants.

The ABL has a prestigious nationally funded project on optimizing cochlear implants, which are electroacoustic devices meant to provide the sensation of sound to profoundly deaf individuals. The project involves developing subject-specific finite-element models from images and using the models to optimize implant design.

We are seeking Master’s or PhD students. The ideal candidates should have the following

✓ a degree in Electrical, Mechatronics, or Biomedical Engineering or Physics,
✓ a minimum average of 80% or better in each of the last 2 years of study,
✓ experience with finite-element models, and
✓ experience with digital image processing would be an asset.

If you are interested, please send transcripts (unofficial are fine for now) and a CV to Hanif Ladak (hladak@uwo.ca). Preferably, you should contact me before May 31, 2022.