

## 2019/20 PROGRAMME: Festive Dinner and Lecture Hearing Loss and Hearing Aids

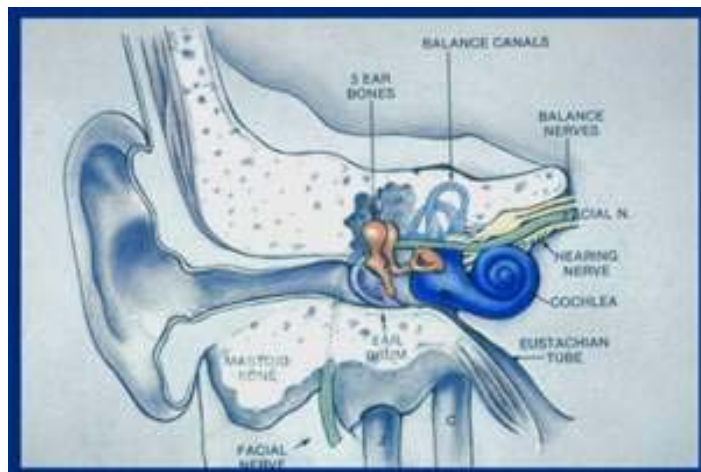
**SPEAKER: Vijay Parsa, PhD, PEng.**

- DATE:** Friday 6<sup>th</sup> December, 2019 **Note: places are limited, please book early!**
- TIMING:** Reception from 6:30 pm, Dinner will be served at 7:00 pm. (*Committee Mtg 6:00 pm.*)
- COST:** \$25 for members or guests. Payment (*by cash or cheque only please*) at the door.
- WHERE:** Novotel Hotel, 3 Park Home Avenue, North York, Ontario, M2N 6L3 - *Stage Door* room
- DIRECTIONS:** See map overleaf. Parking vouchers will be given out at the event
- REGISTRATION:** Please contact Peter Dennis at [peterdennis@interim55.com](mailto:peterdennis@interim55.com) or at (647) 821-1474
- Our Speaker:** Vijay is an Associate Professor, jointly appointed between the Faculties of Engineering and Health Sciences, Western University. He is also a principal investigator at the National Centre for Audiology at Western. His research interests are in digital signal processing (DSP) with applications to hearing aids, assistive listening devices, and augmentative communication devices. He directs the DSP, Electroacoustics, and Apps Laboratory (DEAL), which is a multi-disciplinary funded laboratory for applied signal processing research. Current research projects in DEAL include electroacoustic and behavioural assessment of hearing aids and Personal Sound Amplification Products (PSAPs), realtime DSP algorithm development, and development of “App”s for Audiology and Speech Language Pathology.



**Abstract:** Hearing loss is the third most common chronic condition after hypertension and arthritis (Canadian Hearing Society, <http://www.chs.ca/facts-and-figures>). A recent Statistics Canada report revealed that roughly 8% of Canadians aged 6 – 19 years and 40% of Canadians aged 20 – 79 have some form of hearing loss, with the incidence reaching 80% for those aged 60 – 79 years (<https://bit.ly/2A1hV4y>). Untreated hearing loss can result in loss of

companionship, social isolation, loss of productivity, reduced safety, and underachieved potential (see SAC infographic: <https://bit.ly/35iwc8F>). Accurate assessment and treatment are vital for enhanced quality of life for hearing impaired individuals. In this talk, Dr Parsa will discuss common types and causes of hearing loss (e.g. hearing loss due to aging, noise-induced hearing loss, etc.). He will then review the current hearing aid and assistive listening device landscape. In particular, he will talk about the current state-of-the-art technologies in hearing aids, and the benefits/pitfalls associated with amplification devices available over-the-counter or through e-commerce sites such as Amazon.



Directions:- see over

**Novotel North York**



- **3 Park Home Avenue**
- **NORTH YORK**
- **M2N 6L3 TORONTO**
- **CANADA**
- Tel (416) 733-2929
- Fax (416) 733-3403
- E-
- mail [novotel.northyork@accor.com](mailto:novotel.northyork@accor.com)

- **Location & access**
- GPS. N 43° 46' 9.07" W 79° 24' 47.03"

**Directions**

From Pearson Airport, follow Hwy 401 E., exit for Yonge Street N., follow 6 traffic lights then turn left onto Park Home Ave. The hotel and parking garage are on the left. From E. Ontario, Ottawa or Quebec, follow Hwy 401 to Toronto W., exit for Yonge Street N to Park Home Ave. From Niagara Falls, Buffalo, Rochester and the US, follow the QEW to Hwy 427 and head N. to Hwy 401 east, follow the same directions as from the airport.

- **Parking :** Public outdoor parking - Public indoor parking (paying) - Private indoor parking (paying)  
Hotel parking is covered-ask at the meeting.
- **Airport :** PEARSON INTL AIRPORT
- **Railway Station :** VIA/UNION STATION
- **Underground station :**

Line	Station
YONGE	NORTH YORK CENTR

- **Bus :**

Line	Station
YONGE	NORTH YORK CENTR