

2019/20 PROGRAMME: Annual Meeting, Dinner and Lecture

Subject- Wind Tunnels: The Need and their development



- SPEAKER:** Dr. Gary Elfstrom P. Eng., VP Aiolos Engineering Corporation and Adjunct Professor, Ontario Tech University
- DATE:** Friday Mar 20, 2020
- TIMING:** Reception from 6:00 pm, **6:15 pm CCB Members Annual Meeting in adjacent area.** Dinner will be served at 7:00 pm; Lecture starts at 8:15 pm.
- COST:** \$25 for members / guests. Cash or cheque only please.
- 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

OUR SPEAKER: Gary obtained a BAsC. in mechanical engineering at UBC and a PhD. in aeronautical engineering at Imperial College UK. He has worked as:-

Assistant professor, University of Tennessee Space Institute Tullahoma, TN
Associate research officer, NRC Trisonic wind tunnel, Ottawa ON
Chief Aerodynamicist, DSMA International, Toronto ON.



His present affiliations are: - Vice President, Aiolos Engineering, Toronto, ON and Adjunct Professor, Ontario Tech University, Oshawa ON. His present professional pursuit is the Subsonic Aerodynamic Test Association – as the lead in establishing best practises for automotive aerodynamic wind tunnels.

Abstract: Why do we need wind tunnels and will we still need them as computational capabilities continue to improve? Learn from a practitioner whose career spans pure and applied aerodynamic research, wind tunnel design through commissioning, setting up a wind tunnel test business and mentoring of students.

Novotel North York



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- mail 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** : Hotel indoor parking (paying) - parking vouchers for attendees will be provided on request.
- **Airport** : PEARSON INTL AIRPORT
- **Railway Station** : VIA/UNION STATION
- **Underground station** :

Line	Station
YONGE	NORTH YORK CENTR

- **Bus** :

Line	Station
YONGE	NORTH YORK CENTR