



Lakehead Chapter

2019/20 Executives

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Williams Engineering

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Lakehead University

Leemark DeLeon, P.Eng.
Tetra Tech

Ahmed Elshaer, P.Eng.
Lakehead University

**58th Annual Engineering and Technology
Conference**

Preliminary Notice

Friday, November 8th, 2019

Valhalla Inn, Thunder Bay, Ontario

Presentations start at 8:30 am

The presentations for the conference are listed below. *More details of the presentations will be in a later flyer.*

Morning Presentations:

- Engineering the Smart City – Dr. Tibor Turi, Ph.D., P.Eng., SOSCIP
- AI and Blockchain Technologies for Smart Cities: Analyzing and Sharing User Behavior Profiles for Enhanced Services– Dr. Abdulsalam Yassine, Ph.D., Lakehead University
- Practical Use of Analytics and Machine Learning in Digital Health for Smart Cities – Dr. Emad Mohammed, Ph.D., P.Eng., Lakehead University
- Subgrade Peat Stabilisation System for Railway – Gord Maki, P.Eng., TBT Engineering
- Threats & Opportunities for our Profession – Marilyn Spink, P.Eng., GS Group
- Reinforced concrete evaluation, repairs, protection, structural strengthening and corrosion mitigation – Liao Haixue, P.E., P.Eng., Vector

Luncheon Speakers:

- PEO Presentation/Discussion



Keynote Speaker – Queen Richmond Centre West Building Vertical Addition and Wind Mitigation in Tall Buildings Using Dampers

- Dr.Sobhy Masoud, Ph.D., P.Eng., Stephenson Engineering

Cost~ including lunch – Members \$55.00, Students \$25.00, \$60 at the door (cash only). Morning presentations only - \$10

To ensure sufficient meals for attendees, please register by October 30th, 2019. For more details on the conference and how to register, visit the PEO Lakehead Chapter website below.

New - Express Check-In Line for Pre-paid Ticket Holders

<http://lakehead.peo.on.ca>