

Rotary Club of Oshawa

PO Box 91
Oshawa, Ontario
L1H 7K8

Report on the Meeting of April 16, 2018

Head table

President: Ron Dick

Introducer: Tess Pierce

Guest Speakers: Dr Langis Roy

Thanker: Margaret Wallace

Rotarian: Abb Gilbert

Sergeant at Arms: Kevin Harding

Introductions/Guests

- Keith Marshall – Guest of Cindy Ruckemann
- Aziz Dollai – Guest of Tess Pierce
- Dr Langis Roy - Speaker

President's Announcements

- Results of the lunch location vote were tabled.
 - All Board minutes are online.
 - Last meeting at the Jubilee will be May 14th
 - Vote was taken a result of not moving to the Holiday Inn downtown.
- Social Media meeting will be on Wednesday at noon.

Mic Time

Margaret Wallace: *Sorry... the scribe missed it.*

Happy Bucks

Tess Pierce: Happy everyone showed up in this weather. It's National Volunteer Week

Geoff Lloyd: Thank you for the Shelter Box Picture.

Michael Adams: Your Welcome

Ron Dick: Praying for the Leafs

Speaker – Dr Langis Roy

Tess Pierce introduced Dr Roy. He is a Professor of Electrical and Computer Engineering and Dean of Graduate and Postdoctoral Studies at UOIT.

He spoke on Autonomous-Vehicle Technologies: Moving Fast!

Technology today is small, inexpensive, connected and has long battery life. All of these functions have been transferred to automotive technology. Vehicles today are safer, secure, intelligent and are always connected. Electric vehicles all have much better batteries.

There are 3 basic technology changing vehicles today:

- Sensors: making the vehicle aware of its environment
- Connectivity: wireless technology including vehicle to vehicle, vehicle to satellite, vehicle to individuals
- Intelligence: Information processing and control.

Number of vehicles is on the rise worldwide. Radar is key to making these vehicles driverless. Additional filters will be required to clear the clutter for these vehicles. The technology focusses on targets to avoid.

Work is being done on flexible manufacturing technology that will use printing type manufacture for parts. Flexible antennae's are also required.

Several questions followed.

Humans on the road with drivers less vehicles are a real problem

What about snow? The vehicle must learn to use visual queues and pattern recognition.

Timeframe could be 10, 20 or 30 years; it is really unknown. All sciences are involved in making it happen.

Margaret Wallace thanked Dr Roy.

Noon Hour Draw

No Draw this week as Bill was away

Next Meeting – April 23, 2018

Meeting will be held at the Oshawa Golf and Curling Club as the Jubilee pavilion will be hosting another event.

Our regular meetings will be held at the following loctions:

- Monday, April 23rd - Meeting at the OGCC.
- Monday, April 30th - Meeting at the Jubilee.
- Monday, May 7th - Meeting at the Jubilee.
- Monday, May 14th - Final Regular Club Meeting at the Jubilee
- Monday, May 21st - Holiday-no meeting.
- Monday, May 28th - First Regular Club meeting at the OGCC.

Please note that our Awards Dinner, Evening, Monday, June 18th will take place at the Jubilee.
