



# V-Sensors2024

## Sensors and Sensing Technology Virtual

May 24, 2024

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**Contact us:**

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Webinar  
Timings

Speakers  
Timings

07:00 – 07:10

Introduction

07:10 – 07:50

15:10 – 15:50

P

Title: Group-10 TMDC based Large Area optoelectronics for Room Temperature Mid Infrared Photodetection

**Yuen Hong Tsang, The Hong Kong Polytechnic University, Hong Kong SAR, China.**

07:50 – 08:30

15:50 – 16:30

P

Title: The Strategies for Reducing the Training Size and Speed of Machine Learning Models

**Pavel Loskot, ZJU-UIUC Institute, China.**

08:30 – 09:00

16:30 – 17:00

K

Title: Fibre Bragg grating-based inclinometer in determining slope movement

**Harith Ahmad, Universiti Malaya, Malaysia.**

09:00 – 09:30

17:00 – 17:30

K

Title: Experimental study on 100km free space coherent optical communication

**Xizheng Ke, Xi'an University of Technology, China.**

09:30 – 10:00

12:30 – 13:00

K

Title: Anonymous Batch Message Authentication Aided by Edge Servers in IIoT

**Maode Ma, Qatar University, Qatar**

10:00 – 10:30

13:00 – 13:30

K

Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

**Seongwoo Woo, Ethiopian Technical University, Ethiopia.**

10:30 – 11:00

11:30 – 12:00

K

Title: Capacitive touch sensors for robots

**Wuqiang Yang, University of Manchester, UK**

11:00 – 11:30 12:00 – 12:30 K

Title: Optimizing Highway Safety and Traffic Flow through Advanced VANET Solutions: A Case Study on Intelligent Communication Protocols for Vehicular Networks

**Noussaiba MELAOUENE, Mohammed V Souissi University, Morocco.**

11:30 – 12:00 07:30 – 08:00 K

Title: Smart Sensor-based Machine Condition Monitoring and Fault Diagnostics

**Wilson Wang, Lakehead University, Canada**

12:00 – 12:30 08:00 – 08:30 K

Title: Raman spectroscopy for forensic purposes: Identification and analysis of biological stains and gunshot residue

**Igor K. Lednev, University at Albany, USA.**

12:30 – 13:00 05:30 – 06:00 K

Title: State of the Art and Practice of Emerging Technologies in Modular Construction

**Roshan Panahi, Skanska U.S.A , USA**

**Closing Ceremony**