V-SENSOR2025

4ᵗʰ Edition of

Sensors and Sensing Technology

Virtual

September 12, 2025

Webinar Timings	Speakers Timings		
07:00 – 07:10			Introduction
07:10 – 07:45	15:10 – 15:45	K	**Title: AI-Driven Multi-Modal Imaging for Healthcare, Security, and Robotics** **Noor Zaman Jhanjhi, Taylor's University, Malaysia.**
07:45 – 08:20	10:45 – 11:20	K	Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator **Seongwoo Woo, Ethiopian Technical University, Ethiopia.**
08:20 – 08:55	10:20 – 10:55	K	Title: Wearable Inertial and Cardiac Sensing Technologies for Monitoring and Training Control in Breast Cancer Survivors Engaged in Physical Activity **Carlos Navarro Martínez, University of Murcia, Spain.**
08:55 – 09:30	16:55 – 17:30	K	Title: Multi-Agent Collaboration for Joint Computing and Communication Resource Management in Space-Ground Networks **Min Jia, Harbin Institute of Technology, China.**
09:30 – 10:05	17:30 – 18:05	K	Title: Cybersecurity or Cyber Scare? Navigating Digital Danger for Business **Khalid Hussain, Albukhary International University, Malaysia.**
10:05 – 10:40	15:35 – 16:10	K	Title: Brain Inspired Neuromorphic Sensing using Defect-engineered Monolayer MoS2 **Govind Gupta, CSIR - National Physical Laboratory (CSIR-NPL), India.**
10:40 – 11:15	06:40 – 07:15	K	Title: Sensors for imaging and security **Ghosh Swaroop, Penn State University, USA.**

11:15 – 11:50	07:15 – 07:50	K	**Title:** Smart Sensor-based Bearing Fault Detection and Diagnosis **Wilson Wang, Lakehead University, Canada.**
11:50 – 12:25	19:50 – 20:25	K	**Title:** TBC **Xizheng Ke, Xi'an University, China.**
12:25 – 13:05	08:25 – 09:05	P	**Title:** Multifunctional MOF-Based Materials for Efficient Removal and Real-Time Fluorescent Detection of PFAS in Water **Ling Zang, University of Utah, USA.**
13:05 – 13:45	09:05 – 09:45	P	**Title:** Multifunctional MOF-Based Materials for Efficient Removal and Real-Time Fluorescent Detection of PFAS in Water **Thomas J. Webster, Hebei University of Technology, USA.**
13:45 – 14:25	14:45 – 15:25	P	**Title:** ALARUM + SENSEI- sensor technology **Luiz Moutinho, University of Suffolk, UK.**
14:25 – 14:35	07:25 – 07:35	e-poster	**Title:** Neuromorphic IMU Network for Adaptive Sensing in Sports and Ergonomic Injury Prevention **Anderson Shao, University of California, Berkeley, USA.**

Closing Ceremony