V-SENSOR2024

2nd Edition of

Sensors and Sensing Technology

Virtual

October 25, 2024

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October 25, 2024 GMT 07:00 – 14:50

Webinar Timings	Speakers Timings		
07:00 – 07:10			Introduction
07:10 – 07:50	15:10 – 15:50	P	Title: Azodye photoaligned nanolayers for liquid crystal sensors and other photonics applications **Vladimir G Chigrinov, Hong Kong University of Science and**
07:50 – 08:30	08:50 – 09:30	P	Title: Futurus on Sensing and Sensors **Luiz Moutinho, University of Suffolk, UK.**
08:30 – 09:05	16:30 – 17:05	K	Title: Dimensionality Reduction Techniques for Data Science **Pavel Loskot, ZJU-UIUC Institute, China.**
09:05 – 09:40	10:05 – 10:40	K	Title: Electrochemical Molecularly Imprinted Polymers sensors for environmental applications **Iva Chianella, Cranfield University, UK.**
09:40 – 10:15	18:40 – 19:15	K	Title: Full-color laser compact virtual reality-head mounted display (VR-HMD) with crosstalk removal and polarization control functions **Yoichi Ogata, Department of R&D, Choi-Ogas Platform, Japan.**
10:15 – 10:50	18:15 – 18:50	K	Title: ISAC with UWB: Fundamental Limits, Algorithms and Applications **Tingting Zhang, Harbin Institute of Technology, Shenzhen, China.**
10:50 – 11:25	06:50 – 07:25	K	Title: A Geometric Approach for Processing Medical Images **Pierre Boulanger, University of Alberta, Canada.**
11:25 – 12:00	07:25 – 08:00	K	Title: Sensing with Extra-High-Q Integrated Resonances Enabled by Fragmentation of Dielectric Metasurfaces **Muhammad Danyal, Michigan Technological University, USA**

12:00 – 12:35	08:00 – 08:35	K	Title: The hardness Change due to High-Speed Impact on A36 Steel on Penetration Testing of School Barrier Systems **Muna Slewa, Embry–Riddle Aeronautical University, USA**
12:35 – 13:05	08:35 – 09:05	K	Title: Biosensors and their relevance in understanding neurodegenerative diseases **Priyanka Sinha, Harvard Medical School & Massachusetts General Hospital, USA**
13:05 – 13:40	06:05 – 06:40	K	Title: A sensing UAS hyperspectral sensor **Michael G Wing, Oregon State University, USA**
13:40 – 14:15	16:40 – 17:15	K	Title: Applying blockchain technology for vaccination in the context of COVID-19 pandemic: a systematic review and meta-analysis **Ghanim Hamid, Institute of Electrical and Electronics Engineers, Saudi Arabia**
14:15 – 14:50	08:15 – 08:50	P	Title: Visual Human Motion Analysis **Li Cheng, University of Alberta, Canada**

Closing Ceremony