ISWTA 2024

Date : 20th-21st July 2024 Mode : Hybrid
Venue : Concorde Hotel Kuala Lumpur, Malaysia

8th IEEE Symposium on Wireless TECHNOLOGY and APPLICATIONS

ABOUT ISWTA

The ISWTA is an international event that brings together academic and industry leaders aimed at sharing advancements in wireless technology, machine intelligence, and industrial electronics.

ISWTA AWARD

This year, the ISWTA 2024 Paper Awards, a Cash Prize of RM 500 (approximately EUR100), is exclusively designated for Non-Student (normal) Registrant, physically attending the conference.

AREAS of INTEREST

WIRELESS COMMUNICATIONS

Communication Protocols Design | Multiple Access Techniques | 4G Systems, WiMAX, WL and WIFI | 5G and 6G Wireless Networks & Systems | Ultra-wide Bandwidth Communication | Interference Characterization and Avoidance | Mobile Ad-hoc Networks | Network Security | Satellite Communication | Vehicular Networks | Systems with Application of Internet of Things (IoT)

RF TECHNOLOGY

Antenna Design and Simulations | Active Device and Circuits | Electromagnetic Theory, Properties, and Measurements | Transmission Line and Filters and Passive Components | Computational Electromagnetics | Software-defined Radios | Wireless Power Transmissions | Ultra-wideband Systems | RFID and NFCs | Spectrum Management and Policys | Emerging RF Technologies

COMPUTING and MACHINE INTELLIGENCE

Artificial intelligence for Wireless Technology | Deep Learning and Applications | Genetic Algorithms | Integration of AI with Other Technologies | Multimedia Processing | Cognitive and Biologically Inspired Algorithm | Object Detection, Recognition and Categorization | Augmented Reality | Big Data Analytics | Information Security | Cloud Computing

INDUSTRIAL ELECTRONICS

Power, Energy and Industry Applications | Industrial and Process Automation | Smart Manufacturing | IoT for Industry 4.0 | Cyber-physical Systems | Robotic and Automation | Instrumentation, Sensors, Actuators, and Systems Integration

KEYNOTE SPEAKERS

Professor Dr. Kamel Haddadi | University of Lille, France
Assoc. Professor, Dr. Mohamed Abou-Khousa | Khalifa University, UAE

CALL for PAPERS

This event calls for local and international participation. Submit your papers via our submission system at :
https://www.ieee-iswta.org
CONFERENCE CONTENT WILL BE SUBMITTED FOR INCLUSION INTO IEEE XPLORE AND SCOPUS AS WELL AS OTHER ABSTRACTING AND INDEXING (A&I) DATABASES.
E-mail to ieee.iswta@gmail.com

IMPORTANT DATES

Submission Deadline : 22nd February 2024
Notification Deadline : 22nd April 2024
Camera-Ready Deadline : 22nd May 2024
Conference Date : 20th-21st July 2024

The event is Co-organised by IEEE Malaysia Industrial Electronics / Industrial Applications Joint Chapter (IE/IA) & Microwave Research Institute, Universiti Teknologi MARA (MRI).

IEEE Region 10

Secretariat : Microwave Research Institute

Organiser : IEEE | ICS | IAS IEEE INDUSTRY APPLICATIONS SOCIETY