

# 2022 ICSSA

## 4TH INTERNATIONAL CONFERENCE ON SMART SENSORS AND APPLICATION (ICSSA)

DIGITALIZATION FOR SOCIETAL WELL BEING

26 - 28 JULY 2022  
KUALA LUMPUR

**IMPORTANT DATES:** 24TH FEBRUARY 2022  
24TH MARCH 2022  
**SUBMISSION DEADLINE : 07 APRIL 2022**  
**NOTIFICATION OF ACCEPTANCE : 21- 31 APRIL 2022**  
**REGISTRATION DEADLINE (EARLY BIRD) : 16 MAY 2022**  
**REGISTRATION DEADLINE (NORMAL) : 6 JUNE 2022**  
**CAMERA READY : 6 JUNE 2022**

### EARLY BIRD REGISTRATION RATE

CURRENCY	TYPE	IEEE MEMBER	IEEE NON MEMBER
RM	PROFESSIONAL	1500	1700
	STUDENT	1100	1300
	NON-PRESENTER	700	800
USD	PROFESSIONAL	450	500
	STUDENT	300	350
	NON-PRESENTER	250	280

### NORMAL REGISTRATION RATE

CURRENCY	TYPE	IEEE MEMBER	IEEE NON MEMBER
RM	PROFESSIONAL	1700	1900
	STUDENT	1300	1500
	NON-PRESENTER	900	950
USD	PROFESSIONAL	500	550
	STUDENT	350	400
	NON-PRESENTER	280	300

### ONLINE REGISTRATION RATE (FOR INTERNATIONAL ONLY)

CURRENCY	TYPE	IEEE MEMBER	IEEE NON MEMBER
USD	PROFESSIONAL	250	300
	STUDENT	150	200

#### ORGANIZING COMMITTEE

ADVISORS:  
PROF. DR. TS. NORLIZA MOHD NOOR,  
CONFERENCE CHAIR:  
ASSOC. PROF. TS. DR. NORLIZA MOHAMED  
VICE CHAIR:  
DR. HAZILAH MAD KAIDI  
SECRETARY:  
TS. DR. SAHNIUS USMAN  
TREASURER:  
MADAM TS. HASLAILE ABDULLAH  
TECHNICAL PROGRAM CHAIR:  
TS. DR. SURIANI MOHD SAM  
DR. MOHD AZRI MOHD IZHAR  
PUBLICATION:  
DR. NORULHUSNA AHMAD  
TS. DR. SITI ZURA A. JALIL

PUBLICITY / WEBMASTER:  
TS. DR. NELIDYA MD. YUSOFF  
SHARIDAH BINTI IBRAHIM  
LOCAL ARRANGEMENT:  
TS. DR. SITI ARMIZA MOHD ARIS  
LAR. DR. ROHAYAH CHE AMAT  
PROGRAM CHAIR:  
DR. NURUL AINI BANI  
PROGRAM CO-CHAIR /EMCEE:  
DR. RUZZIDATUL AKMAM DZIYAUDDIN  
SPONSORSHIP:  
TS. DR. FATIMAH SALIM  
ASSOC. PROF. DR. ROBIHAH AHMAD

Razak Faculty of Technology and Informatics (RFTI), Universiti Teknologi Malaysia (UTM), is pleased to announce the 2022 4th International Conference on Smart Sensors and Application (ICSSA) on the 26-28th July 2022. Join our community of practitioners & researchers in nurturing the frontiers of Science and Technology to address innovative and quality research and development within the field of Smart Sensors and Applications. Inspired by this year's theme, "Digitalization for Societal Well Being" the conference aspires all scholars to soar in this multi-disciplinary field and accommodate society's fulfilment.

Researchers and authors are invited to submit original high-quality technical papers addressing innovative research in the broad field of smart sensors and applications. Papers are solicited on, but not limited to:

#### Sensor Technology

- Smart Sensors and Transducers
- Sensor Data Fusion
- MEMs and Nano-Sensors
- Biosensors
- Chemical, Biological, Optical, Magnetic Sensors
- Nano Technologies
- Energy Harvesting
- Instrumentation Systems

#### Smart Technology and Systems

- Smart Education Systems
- Smart Agriculture
- Smart Buildings
- Smart Cities and Communities
- Smart Home
- Environment and Health Monitoring
- 4D/5D Printing

#### Advanced Informatics in Sensor Applications

- Big Data
- Machine Learning /Deep learning/ Federated learning
- Blockchain
- Cyber Security
- Augmented Analytics
- Quantum Computing
- Cloud Computing
- Cyber Physical System
- Intelligent Transport System

#### Advanced in Communication Networks

- 5G/6G
- Photonics
- Quantum Communication
- Visible Light Communication
- Antenna and Propagation
- Microwave and Radio Frequency
- Routing and Traffic Management
- Wireless Sensor Networks
- Cognitive Radio and Networks
- Green Communications and Networks
- Vehicle Communications Networks
- Ad-Hoc and Sensor Networking
- Software Defined Networks and Network Function Virtualisation (NFV)
- Positioning, Localisation and Navigation and Satellite Networks
- Smart Grid Communication and Networks

#### Medical and Healthcare Applications

- Bio-electromagnetic
- Bioinformatics
- Biometrics
- Biomechanics
- Biomaterial and Biomimetic
- Molecular, Cellular and Tissue Engineering
- Neural and Rehabilitation Engineering
- Genetic Engineering
- Biomedical for Assistive Technologies
- Brain Computer Interface
- Medical Image Processing and system

All accepted and presented papers will be published in the conference proceedings and will be submitted to be indexed in IEEE Xplore. Selected papers will be invited to publish in extended format in Scopus Journal under special issue edition.



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

IEEE INSTRUMENTATION  
& MEASUREMENT SOCIETY  
MALAYSIA CHAPTER

Paper Submission:  
<https://edas.info/N28792>

<http://razak.utm.my/icssa2022>  
Email: [icssa.utm@gmail.com](mailto:icssa.utm@gmail.com)

