

PROGRAM SCHEDULE SASSP 2020

Time	Program	Venue
08:30 – 09:00	Registration	Google Form
09:00 – 09:10	SASSP General Chair Welcome Remarks Prof. Dr. Sabira Khatun	Virtual Room 1
09:10 – 09:20	Chapter Chair Welcome Remarks Prof. Dr. R. Logeswaran IEEE SPS Malaysia Chapter	
09:20 – 9:30	Officiating Address Assoc. Prof. Dr. Hamdan Bin Daniyal Dean , Faculty of Electrical & Electronic Engineering Technology, Universiti Malaysia Pahang	
9:30 – 10:40	Keynote Speech #1: Dr. Karthik Nandakumar IBM Research, Singapore IEEE Distinguish Industrial Speaker (DIS)	
10:40 – 11:00	IEEE Membership & Senior Member Elevation Drive / Announcements Dr. Hezerul Bin Abdul Karim Vice Chair , IEEE SPS Malaysia Chapter	
11:00 – 11:15	Break	
11:15 – 12:00	Parallel Session: Technical Presentations / Invited Talks	
12:00 – 13:00	Keynote Speech #2 Dr. Muataz Hameed Salih Flex, Penang, Malaysia	Virtual Room 1
13:00 – 14:00	Lunch Break	
14:00 – 14:45	Special Invited Talk #3 Dr. John See Multimedia University, Malaysia	
14:45 – 16:30	Parallel Session: Technical Presentations / Invited Talks	Virtual Room 1 & Virtual Room 2
16:30 – 17:00	Closing Remarks	Virtual Room 1

MEETING LINK DETAILS

26TH NOVEMBER 2020

Topic 1: SASSP 2020_Virtual Room 1

ZOOM PLATFORM

Meeting Link:

<https://zoom.us/j/4286269938>

Meeting ID: 428 626 9938

Passcode: sassp2020

Topic 2: SASSP 2020_Virtual Room 2

GOOGLE MEET PLATFORM

Meeting Link:

<https://meet.google.com/scg-tnuw-dkm>

PARALLEL SESSIONS, SASSP 2020

Virtual Room 1

Platform: ZOOM

Meeting Link: <https://zoom.us/j/4286269938>

Meeting ID: 428 626 9938

Passcode: sassp2020

Agenda		
Time	Speaker	Abstract Title
Session 1		
Chairperson: Dr. Mohd Zamri Ibrahim		
11:15	SITI ZURA A. JALIL Universiti Teknologi Malaysia, KL	Classification of Human Electromagnetic Radiation Characteristic For Kidney Disease Patients
11:30	ABDULMALIK SHEHU YARO Ahmadu Bello University, Nigeria	Localization Accuracy Performance Comparison of Direct and Indirect TDOA based Multilateration System
11:45	SABIRA KHATUN EXCOM, IEEE SPS	Early Breast Cancer Screening System using Ultra-Wide Band and Artificial Intelligence
Session 3		
Chairperson: Dr. Mohd Hisyam Mohd Ariff		
14.45	MINARUL ISLAM FTKEE, Universiti Malaysia Pahang	Non-Invasive Blood Glucose Concentration Level Estimation Accuracy using Ultra-Wide Band and Artificial Intelligence
15:00	ISRAT JAHAN Daffodil International University, Bangladesh	Quality Aquaculture Development of Shrimp (<i>Penaeus monodon</i>) based on IoT in the Context of Bangladesh: Comparative Study
15:15	TAIBA MAJID WANI International Islamic University Malaysia	Speech Emotion Recognition using Spectrograms and Convolutional Neural Networks
15:30	IBRAHIM ALI AHMED AL-AMUODI FTKEE, Universiti Malaysia Pahang	Automatic Attendance System Using Face Recognition With Deep Learning Algorithm
15:45	HENG SHENG GUANG FTKEE, Universiti Malaysia Pahang	Development of a Computer Vision-Based Technique for Facial Exercises Application
16:00	MARZIA AHMED DUI and Dhaka University of Science and Technology, Bangladesh	IoT Based Pregnancy Risk Monitoring System for Maternal Health Care
16:15	MD NAHIDUL ISLAM FTKEE, Universiti Malaysia Pahang	Rice Disease Identification Through Leaf Image and IoT Based Smart Rice Field Monitoring System
16:30	AMINU ABUBAKAR SADIQ Ahmadu Bello University, Nigeria	Development of an Improved Successive Interference Cancellation Scheme for Latency Reduction in MIMO Channel

***NOTE:** Presentation – 10 mins; Q&A – 5 mins.

PARALLEL SESSIONS, SASSP 2020

Virtual Room 2

Platform: **GOOGLE MEET**

Meeting Link: <https://meet.google.com/scg-tnuw-dkm>

Agenda		
Time	Speaker	Paper Title
Session 2		
Chairperson: Dr. Latifah Munirah Kamarudin		
11:15	ABDULAZIZ S. BA WAZIR Multimedia University	Foul Language Recognition Using Convolutional Neural Networks
11:30	MINARUL ISLAM FTKEE, Universiti Malaysia Pahang	Software Module Development for Non-Invasive Blood Glucose Measurement Using Ultra-Wide Band and Machine Learning
11:45	LATIFAH MUNIRAH KAMARUDIN Universiti Malaysia Perlis	Inhalation and Exhalation Detection for Sleep and Awake Activities Using Non-Contact Ultra-Wideband (UWB) Radar Signal
Session 4		
Chairperson: Dr. Norizam Sulaiman		
14.45	HASLAILE ABDULLAH Universiti Teknologi Malaysia, KL	Preliminary Study of Sleep Disturbance Prediction based on the Sleep, Activity, Pain and Depression Parameters
15:00	HANNA BINTI DAHLAN Multimedia University	Visual Inspection of EEG Signals in Imagined Speech
15:15	SHANTHINI A/P CHANDRA SEKARAN NAIDU Universiti Teknologi Malaysia, JB	Functional Connectivity Pattern of Dyslexic Brain during Rapid Automatized Naming (RAN) Tasks Using Electroencephalogram (EEG) Signals
15:30	FATINI MD SAID Universiti Teknologi Malaysia, JB	Brain Functional Connectivity During Reflective Thinking Using Electroencephalogram (EEG) Signals
15:45	NORIZAM SULAIMAN FTKEE, Universiti Malaysia Pahang	Intelligent System for Assessing Human Brain Attributes
16:00	SITI ARMIZA MOHD ARIS Universiti Teknologi Malaysia, KL	Virtual Reality for Stress Reduction Using Quantitative EEG: Pilot Study
16:15	ABU JAFAR MD MUZAHID FC, Universiti Malaysia Pahang	Autonomous Driving threat assessment and its safety consequences for multiple vehicle collisions on mixed traffic stream
16:30	KHAIRULNIZAM OTHMAN Universiti Tun Hussein Onn Malaysia	Proficient Parallel Implementation of Mammograms for Spatial Density Reconstruction

***NOTE:** Presentation – 10 mins; Q&A – 5 mins.