# Program Schedule

**SASSP 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Venue</th>
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<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Registration</td>
<td>Google Form</td>
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</table>
| 09:00 – 09:10 | **SASSP General Chair** Welcome Remarks  
Prof. Dr. Sabira Khatun |                                      |
| 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 | Virtual Room 1                        |
| 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              | Virtual Room 1 & Virtual Room 2       |
| 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 | Virtual Room 1 & Virtual Room 2       |
| 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
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Abstract Title</th>
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<tbody>
<tr>
<td><strong>Session 1</strong></td>
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<tr>
<td>11:15</td>
<td>SITI ZURA A. JALIL</td>
<td>Classification of Human Electromagnetic Radiation Characteristic For Kidney Disease Patients</td>
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<td></td>
<td>Universiti Teknologi Malaysia, KL</td>
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<tr>
<td>11:30</td>
<td>ABDULMALIK SHEHU YARO</td>
<td>Localization Accuracy Performance Comparison of Direct and Indirect TDOA based Multilateration System</td>
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<tr>
<td></td>
<td>Ahmadu Bello University, Nigeria</td>
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<tr>
<td>11:45</td>
<td>SABIRA KHATUN</td>
<td>Early Breast Cancer Screening System using Ultra-Wide Band and Artificial Intelligence</td>
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<td>EXCOM, IEEE SPS</td>
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<tr>
<td><strong>Session 3</strong></td>
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<tr>
<td>14:45</td>
<td>MINARUL ISLAM</td>
<td>Non-Invasive Blood Glucose Concentration Level Estimation Accuracy using Ultra-Wide Band and Artificial Intelligence</td>
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<td></td>
<td>FTKEE, Universiti Malaysia Pahang</td>
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<tr>
<td>15:00</td>
<td>ISRAT JAHAN</td>
<td>Quality Aquaculture Development of Shrimp (Penaeus monodon) based on IoT in the Context of Bangladesh: Comparative Study</td>
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<td>Daffodi International University, Bangladesh</td>
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<tr>
<td>15:15</td>
<td>TAIBA MAJID WANI</td>
<td>Speech Emotion Recognition using Spectrograms and Convolutional Neural Networks</td>
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<td>International Islamic University Malaysia</td>
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<tr>
<td>15:30</td>
<td>IBRAHIM ALI AHMED AL-AMUODI</td>
<td>Automatic Attendance System Using Face Recognition With Deep Learning Algorithm</td>
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<td>FTKEE, Universiti Malaysia Pahang</td>
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<tr>
<td>15:45</td>
<td>HENG SHENG GUANG</td>
<td>Development of a Computer Vision-Based Technique for Facial Exercises Application</td>
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<td>FTKEE, Universiti Malaysia Pahang</td>
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<tr>
<td>16:00</td>
<td>MARZIA AHMED</td>
<td>IoT Based Pregnancy Risk Monitoring System for Maternal Health Care</td>
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<td>DUI and Dhaka University of Science and Technology, Bangladesh</td>
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<tr>
<td>16:15</td>
<td>MD NAHIDUL ISLAM</td>
<td>Rice Disease Identification Through Leaf Image and IoT Based Smart Rice Field Monitoring System</td>
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<td>FTKEE, Universiti Malaysia Pahang</td>
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<tr>
<td>16:30</td>
<td>AMINU ABUBAKAR SADIQ</td>
<td>Development of an Improved Successive Interference Cancellation Scheme for Latency Reduction in MIMO Channel</td>
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<td>Ahmadu Bello University, Nigeria</td>
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**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](https://meet.google.com/scg-tnuw-dkm)

## Agenda

<table>
<thead>
<tr>
<th>Time</th>
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<th>Paper Title</th>
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<tbody>
<tr>
<td><strong>Session 2</strong></td>
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<tr>
<td>11:15</td>
<td>ABDULAZIZ S. BA WAZIR</td>
<td>Foul Language Recognition Using Convolutional Neural Networks</td>
</tr>
<tr>
<td>11:45</td>
<td>LATIFAH MUNIRAH KAMARUDIN</td>
<td>Inhalation and Exhalation Detection for Sleep and Awake Activities Using Non-Contact Ultra-Wideband (UWB) Radar Signal</td>
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| **Session 4**                                                                                   |
| 14.45  | HASLAILE ABDULLAH                            | Preliminary Study of Sleep Disturbance Prediction based on the Sleep, Activity, Pain and Depression Parameters |
| 15:00  | HANNA BINTI DAHLAN                            | Visual Inspection of EEG Signals in Imagined Speech                          |
| 15:15  | SHANTHINI A/P CHANDRA SEKARAN NAIDU          | Functional Connectivity Pattern of Dyslexic Brain during Rapid Automatized Naming (RAN) Tasks Using Electroencephalogram (EEG) Signals |
| 15:30  | FATINI MD SAID                               | Brain Functional Connectivity During Reflective Thinking Using Electroencephalogram (EEG) Signals |
| 15:45  | NORIZAM SULAIMAN                             | Intelligent System for Assessing Human Brain Attributes                      |
| 16.00  | SITI ARMIZA MOHD ARIS                        | Virtual Reality for Stress Reduction Using Quantitative EEG: Pilot Study     |
| 16:15  | ABU JAFAR MD MUZAHID                         | Autonomous Driving threat assessment and its safety consequences for multiple vehicle collisions on mixed traffic stream |
| 16:30  | KHAIRULNIZAM OTHMAN                          | Proficient Parallel Implementation of Mammograms for Spatial Density Reconstruction |

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