2020 IEEE International Conference on Advanced Communication Technologies and Signal Processing (ACTS-2020)

Schedule at a Glance (Indian Standard Time GMT+5:30)

Timing/ Day	09:30 AM- 10:30 AM	10:30 AM- 11:30 AM	11:40 AM- 01:00 PM	02:00 PM-03:00 PM	03:10 PM- 04:10 PM	04:10 PM- 05:10 PM
Day 1 04-Dec-2020	Inauguration	Keynote 1	T1.1	Keynote 2	T2.1	T2.1
Day 2 05-Dec-2020	Keynote 3	T1.2	T1.2	Keynote 4	T3.1	T3.1
Day 3 06-Dec-2020	Keynote 5	T2.2	T2.2	-	-	Closing Ceremony
		T3.2	T3.2			

Keynote Schedule

Keynote	Date	Time	Speaker
Inaugural Talk	04-Dec-2020	10:00 AM- 10:30 AM	**Prof. Saswat Chakrabarti**
Keynote 1	04-Dec-2020	10:30 AM- 11:30 AM	**Prof. Debarati Sen**
Keynote 2	04-Dec-2020	02:00 PM- 03:00 PM	**Prof. Marceau Coupechoux**
Keynote 3	05-Dec-2020	9:30 AM- 10:30 AM	**Prof. Peter Chong**
Keynote 4	05-Dec-2020	02:00 PM- 03:00 PM	**Prof. Preetam Kumar**
Keynote 5	06-Dec-2020	9:30 AM- 10:30 AM	**Prof. Ram Bilas Pachori**

December 04

Technical Sessions		
Start	**End**	**T1.1: Communications and Networking** ***Session Chairs: Dr. Dragana S. Krstic (University of Nis) and Dr. Pankaj K Sharma (NIT Rourkela)***
11:40 AM	12:00 PM	Pathloss Attenuation Analysis for D2D Communication in 5G mmWave Network
12:00 PM	12:20 PM	6G and AI: The Emergence of Future Forefront Technology
12:20 PM	12:40 PM	Performance Analysis of an EH-CRN Under Alpha-Mu Fading Scenario
12:40 PM	1:00 PM	Two-Bit SINR Quantization Based Scheduling Scheme for MIMO Communications
Break		
Start	**End**	**T2.1: Signal Processing** ***Session Chairs: Prof. Sudipta Mukhopadhyay (IIT Kharagpur) and Jayasree Chakraborty (Memorial Sloan Kettering Cancer Center, USA)***
3:10 PM	3:30 PM	Emotion Recognition by Inclusion of Age and Gender Parameters with a Novel Hierarchical Approach Using Deep Learning
3:30 PM	3:50 PM	Health Monitoring of Wind Turbine Blades Through Vibration Signal Using Advanced Signal Processing Techniques

3:50 PM	4:10 PM	Generator Based Methods for Off-Line Handwritten Character Recognition
4:10 PM	4:30 PM	Investigation and Improvement of VGG Based Encoder-Decoder Architecture for Background Subtraction
4:30 PM	4:50 PM	A Novel Framework for Enhancement of Diagnostic Information in MR Imaging Using Super-Resolution
4:50 PM	5:10 PM	Image Authentication Using Radon Transform and Local Features

December 05

Technical Sessions		
Start	**End**	**T1.2: Communications and Networking** ***Session Chairs: Dr. Foo Yee Loo (MMU Malaysia) and Dr. Suneel Yadav (IIIT Allahabad)***
10:30	10:50	Performance Analysis of a SWIPT Enabled Cognitive Radio Sensor Network Using TS Protocol
10:50	11:10	Underwater Acoustic Channel Estimation via Basic-CS and Modified-CS Using 2-D Frequency Sampling
11:10	11:30	Low-Complexity Symbol Detection for Index Modulated Massive MIMO Systems
11:30	11:50	Solving the Incertitude of Network Selection in Het-Nets Using Graph Theory
11:50	12:10	Combined Transmit Antenna Selection and User Scheduling in a Massive MIMO Broadcast System
12:10	12:30	Analysis of Teletraffic Parameters for Channel Selection of Secondary Users Under Heterogenous Cognitive Radio Network
Break		
Start	**End**	**T3.1: RF Circuit and Microwave** ***Session Chairs: Prof. Robin Augustine (Upasala University) and Dr. Le Dinh Thanh (Toyota, Japan)***
3:10 PM	3:30 PM	Triple Notched-Band Slots-Loaded Arrow-Head Shaped UWB Monopole Antenna
3:30 PM	3:50 PM	A Wide Band Square Loop Circuit Analog Absorber with Low Periodicity
3:50 PM	4:10 PM	Design of Metamaterial Inspired Leaky Wave Antenna
4:10 PM	4:30 PM	Design of Flexible EBG Loaded Wideband Antenna for 2.4GHz WLAN Applications
4:30 PM	4:50 PM	Analysis of Electromagnetic Band Gap Structure Using Artificial Neural Network for UWB Applications

December 06

Technical Sessions		
Start	**End**	**T2.2: Signal Processing** ***Session Chairs: Dr. Abhishek Midya (Memorial Sloan Kettering Cancer Center, USA) and Dr. Varun Bajaj (IIITDM Jabalpur)***

10:30 AM	10:50 AM	Histogram Peak Analysis: A Fast Skull Stripping Technique for Brain MR Image
10:50 AM	11:10 AM	Full Band IIR Digital Differentiators Design Using Evolutionary Algorithm
11:10 AM	11:30 AM	An Optic Disc Segmentation in Fundus Images Using Operator Splitting Approach
11:30 AM	11:50 AM	Detection of Disease in Tea Leaves Using Convolution Neural Network
11:50 AM	12:10 PM	Nuclei Cell Semantic Segmentation Using Deep Learning UNet
Parallel Session		
Start	**End**	**T3.2: RF Circuit and Microwave** ***Session Chairs: Dr. Debasish Mitra (IIEST Shibpur)***
10:30 AM	10:50 AM	A Low-Profile Single Band Dielectric Resonator Antenna (DRA) for Radio Frequency Energy Harvesting
10:50 AM	11:10 AM	Isolation Enhancement in MIMO With Low Space Diversity for 5G/WLAN Applications
11:10 AM	11:30 AM	Design and Performance Analysis of Textile Antenna for Wearable Applications