

**BEST PAPER AWARD IN EACH SESSION**

<b>Session ID</b>	<b>Session Name</b>	<b>Paper ID</b>	<b>Paper Name</b>	<b>Paper Authors</b>
1A	Antenna Design 1	1570726964	Scalable & Modular Circular Polarized Antenna Array for Digital Beamforming Applications	Rajesh Chivukula; Tanuja Vijaykumar
1B	Pattern Recognition and Machine Learning	1570719849	Dimensionality Reduction and Evaluation in Hyperspectral Images Using LSTM Models	Satyajit Swain; Mainak Bandyopadhyay; Suresh Chandra Satapathy
1C	Communication 1	1570723382	Substitution Permutation Network Based Lightweight Ciphers with Improved Substitution Layers for Secure IoT Applications	Ruby Mishra; Sayantani Dutta; Manish Okade; Kamala Kanta Mahapatra
1D	Estimation and Machine Learning in Test Range Applications	1570715759	Forecasting Upper Air Wind Speed Using a Hybrid SVR-LSTM Model	Himadri Shekhar Das, Himanish Shekhar Das, Sukanta Bhattacharjee
2A	Radar Systems	1570728946	Polyphase Good Code Sets Based on Symmetrical and Anti-Symmetrical Segments of Linear/Piecewise Linear FM Waveforms	Ravi Kadlimatti; ShivankJha; Akash Bhandari
2B	IR Tracking 1	1570728733	Multi-Target Tracking Using Ramanujan Sum Based DWT	Mayukhmala Jana; Pradipta Roy
2C	Communication 2	1570729404	Implementation of Combinational Logic for Polar Decoder	Swapnil P. Badar; Kamalesh Khanchandani
2D	Kalman Filtering and Estimation	1570729183	A Sorted Weighting Lookahead Sampling Scheme for Accurate and Fast Particle Filtering	Ramakrishna Gurajala; Praveen Choppala; James Stephen; Paul D Teal

**BEST PAPER AWARD IN EACH SESSION**

3A	Antenna Design 2	1570726568	Single Feed Dual-Band Circularly Polarized Modified Shape Square Dielectric Resonator Antenna for WiMAX and WLAN Applications	P Soni Reddy; Rahul Mondal; Sushanta Sarkar; Debasree Sarkar; Partha Sarkar
3B	IR Tracking 2	1570729158	Airborne Compact Electro Optic Infrared (EO/IR) System for Maritime Surveillance Mission	Jayamohan C B; R Rajesh; Reena Sharma; Boppena Nagaraju
3C	Telemetry & FTS 1	1570727080	Considerations for Design of High Speed High Resolution Low Power SAR ADC for Direct RF Sampling Receivers	Amitesh Kumar Tripathi
3D	Safety, Reliability and Advanced Technologies	1570726342	Optimization of Augmented Coprime Array for a Specific Number of Sensors	Rajen Patra; Anindya S. Dhar
4A	Microwave Devices and Circuits	1570723387	Design and Development Aspects of Klystrons	Ayan Kumar Bandyopadhyay; Debasish Pal; Rakesh Meena; Vikram Rawat; Bijendra Kumar; Atmakuru Nagaraju; Deepender Kant
4B	Image Processing and Computer Vision	1570724788	A Novel Fast Template Matching Algorithm Based on Bounded Approach Using Block Partitioning Method	Sanjay Sahani; Manvendra Chauhan
4C	Telemetry & FTS 2	1570723148	UAV RF Fingerprinting with Power Spectra Estimates	Hilal Elyousseph; Majid L Altamimi
4D	Position, Navigation and Timing	1570724281	Implementation of Software Based Mission Director and Range Director Console for HOLD Interface to Program-Clock	Umang Soni; Biswajit Biswas; A K Shrivastava

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