

Paper No.	Paper Name
CSS-13-2403	Rain Microphysical Features as Observed from Ground Based Radar and Disdrometer at a Tropical Location
CSS-21-6145	Rain Attenuation over Earth Space Path from Radar and Propagation Measurements
CSS-29-6424	Development of AGC & Channel Equalization algorithm for Multi-channel RF system in FPGA
CSS-3-4957	Fault Detection of Continuous Time Filter using Non-linear Feedback based OBIST
CSS-31-473	Improved Signal Detection for Multiuser MIMO System using BD QR-LRL
CSS-34-9979	Characteristics of Precipitation over Western Ghat as observed by Doppler Weather Radar and Disdrometer
CSS-4-5188	Observations of Vertical Rain Structure using Space borne and Ground Based Radars at a Tropical Location
CSS-8-437	Statistical and Neuro-computing Based Channel Equalization Approaches for MIMO
CAC-15-4771	New Hamming Score Based Correlation Method for Fingerprint Identification
CAC-24-2953	SoC FPGA Implementation of Energy Based Cooperative Spectrum Sensing Algorithm For Cognitive Radio
CAC-9-5106	A QoS Based Comparative Analysis between Relay Assisted and Small eNodeB based Two-tier LTE Network
MLT-15-5198	Coaxial Fed Two Element CDRA–Monopole Hybrid with Conformal Strips
MLT-19-7448	A Hexagonal Superstrate to Enhance the Directivity For 60GHz Wireless Communication
MLT-20-6347	A 9-15 GHz High Linearity Voltage Variable Attenuator MMIC
MLT-23-145	Nonlinear Compensation of LEDs for Improved Performance in CSK Based Indoor Visible Light Communication
MLT-24-8323	Design and Construction of a Laser Switch Based Electrical Control Circuit
MLT-25-8686	A Parametric Study of Photo Carrier Generation in Photoconductive Antenna
MLT-33-6351	Substrate Integrated Waveguide Slot Array for Millimeter-wave Space Applications

MLT-37-6142	Photonic Data Rate Reduction applied to Ultrafast Processing for High Speed Optical Links
MLT-8-7397	Design Concepts of a Novel Mode Splitter for Multimode Communication Systems
NMD-10-5507	Investigating the performance of Short Gate Insulator Less Dielectrically Modulated Tunnel Field Effect Transistor based Bio-Sensors
NMD-12-586	n-TiO ₂ /p-Si Heterojunction Devices as Potential Ethanol Sensor
NMD-16-1624	Phonon and Alloy Scattering Limited Electron Mobility of Direct Gap Ge _{1-x} Sn _x Alloys
NMD-17-1988	Signal-to-Noise Ratio for a Ge-GeSn-GeSn Hetero Phototransistors at 1.55 μ m
NMD-18-7368	Study of Analog and RF Performance of UTB-OI MOS Transistor using Silicon and InGaAs Channel
NMD-19-9299	Nanoscale coating in microfluidic laboratory-on-a-chip devices fabricated by microelectronic technologies
NMD-22-5351	Design of Band-gap Engineered Silicon-Germanium Junctionless Double-gate FET for ZRAM application
NMD-30-9977	Modeling and Simulation Study of Short Gate TFET Architecture Considering the Impact of Mobile Charge Carriers Understanding Device Physics in Different Operational Regimes
NMD-33-4875	A New Approach For Modeling Parametric Faults In Linear Analog VLSI Circuits
NMD-4-9695	Titania Nanotube based Xylene Sensor: Influence of Anodization Voltage
NMD-47-8055	3D FDTD Modelling of Photonic Crystal Surface Emitting Lasers
NMD-5-9002	Performance investigation of n-ZnO nanowire/p-CuO thin film heterojunction solar cell grown by chemical bath deposition and vapour liquid solid technique
NMD-53-9400	A comparative analysis of some Multi-Gate Junctionless Transistors
NMD-6-2767	Coupled resonator induced transparency leading to Plasmonic nanosensing with high detection efficiency
NMD-7-5490	Mobility and Power Dissipation Due to Total Phonon Scatterings Compared with Ballistic transport In AlGaIn/GaN Superlattice
NMD-9-2354	Process-Induced Strain Engineering in the Silicon-on-Sapphire (SOS) Fin Field Effect Transistor (FinFET) Channels