



## Technical Program

IEEE SoutheastCon 2024

March 21-24, The Westin Peachtree Plaza, Atlanta, GA

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# Virtual Conference Program

Via WebEx, March 16-17, 2024

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<b>Saturday, March 16, 2024</b>					
	09:00 AM to 11:00 AM	11:00 AM to 01:00 PM	01:00 PM to 02:00 PM	02:00 PM to 04:00 PM	04:00 PM to 06:00 PM
<b>Virtual Room 1</b>	<b>Track 6</b> AI and Predictive Modeling (v1s1r1)	<b>Track 6</b> AI and Predictive Modeling (v1s2r1)	<b>LUNCH</b>	<b>Track 6</b> AI and Predictive Modeling (v1s3r1)	
<b>Virtual Room 2</b>		<b>Track 4</b> Signal and Image Processing (v1s2r2)		<b>Track 4</b> Signal and Image Processing (v1s3r2)	
<b>Virtual Room 3</b>	<b>Track 3</b> Computing Systems (v1s1r3)	<b>Track 3</b> Computing Systems (v1s2r3)		<b>Track 3</b> Computing Systems (v1s3r3)	
<b>Virtual Room 4</b>		<b>Track 2</b> Communications and Electromagnetics (v1s2r4)		<b>Track 2</b> Communications and Electromagnetics (v1s3r4)	

<b>Sunday, March 17, 2024</b>					
	09:00 AM to 11:00 AM	11:00 AM to 01:00 PM	01:00 PM to 02:00 PM	02:00 PM to 04:00 PM	04:00 PM to 06:00 PM
<b>Virtual Room 1</b>	<b>Track 6</b> AI and Predictive Modeling (v2s1r1)	<b>Track 6</b> AI and Predictive Modeling (v2s2r1)	<b>LUNCH</b>	<b>Track 6</b> AI and Predictive Modeling (v2s3r1)	<b>Track 6</b> AI and Predictive Modeling (v2s4r1)
<b>Virtual Room 2</b>	<b>Track 5</b> Microelectronics, Devices and Sensors (v2s1r2)	<b>Track 5</b> Microelectronics, Devices and Sensors (v2s2r2)		<b>Track 7</b> Automation, Dynamical Systems and Controls (v2s3r2)	
<b>Virtual Room 3</b>	<b>Track 8</b> Engineering Education (v2s1r3)	<b>Track 9</b> General (v2s2r3)		<b>Track 9</b> General (v2s3r3)	
<b>Virtual Room 4</b>	<b>Track 1</b> Power and Energy Systems (v2s1r4)	<b>Track 1</b> Power and Energy Systems (v2s2r4)		<b>Track 1</b> Power and Energy Systems (v2s3r4)	

## Track 1: Power and Energy Systems

Paper Number	Title	Session	Date	Time (EST)
1570979206	Development of Controllers for Compensating Misalignment in Vehicle-To-Vehicle Dynamic Wireless Charging System	v2s1r4	17-Mar	0900-0920
1570980861	Techno-Economic Analysis Framework for Potential EVCSs Using Data-Driven Approach	v2s1r4	17-Mar	0920-0940
1570981189	Intricate Anomaly Detection in Time Series by Calculating Shift of Non-Gaussianity	v2s1r4	17-Mar	0940-1000
1570984649	Field Experience in Traveling Wave Fault Locator Driven Early Warning System on Transmission Line	v2s2r4	17-Mar	1100-1120
1570988211	Analysis of Overvoltage and Backflashover with Different Transmission Line Models	v2s2r4	17-Mar	1120-1140
1570988233	Evaluation of Mixed Systems for Sheath Bonding of Single-Circuit Underground Power Lines	v2s2r4	17-Mar	1140-1200
1570988416	Comparison of Simulated and Measured Results of an SPWM-Adopted 24V DC-240 AC VSI Based on PSD and Ideal-Nonideal Traits	v2s2r4	17-Mar	1200-1220
1570988598	Graph Models of Electric Power Transmission Networks Using Synchrophasor Data	v2s3r4	17-Mar	1400-1420
1570988617	Development of a Solar Electric Vehicle Digital Twin	v2s3r4	17-Mar	1420-1440
1570989650	Artificial-Intelligence-Enabled Lifetime Estimation of Photovoltaic Systems Considering the Mission Profile of the DC-AC Inverter	v2s3r4	17-Mar	1440-1500

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## Track 2: Communications and Electromagnetics

Paper Number	Title	Session	Date	Time (EST)
1570980798	An Empirical Evaluation of the Constrained Application Protocol in ARM-Based Platforms	v1s2r4	16-Mar	1100-1120
1570986144	Joint User Grouping, UAV Deployment and Multicast Precoder Optimization in UAV-Enabled Networks	v1s2r4	16-Mar	1120-1140
1570987391	Beyond Words: Semantic Communication in the Metaverse	v1s2r4	16-Mar	1140-1200
1570988555	Harnessing Modern Technological Advancements in Search and Rescue Missions	v1s3r4	16-Mar	1400-1420
1570988667	Towards a Secured, Interoperable, and Ethical Metaverse	v1s3r4	16-Mar	1420-1440

<b>1570988886</b>	Internet of Things-Enabled Vessel Monitoring System for Enhanced Maritime Safety and Tracking at Sea	v1s3r4	16-Mar	1440-1500
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### Track 3: Computing Systems

Paper Number	Title	Session	Date	Time (EST)
<b>1570978869</b>	5G and Beyond: On the Significance of Wireless Channel Estimation	v1s1r3	16-Mar	0900-0920
<b>1570980403</b>	Efficient GPU Implementation of Genetic Algorithm to Solve the Traveling Salesman Problem	v1s1r3	16-Mar	0920-0940
<b>1570980791</b>	Containers Unleashed: A Raspberry Pi Showdown Between Docker, Podman, and LXC/LXD	v1s1r3	16-Mar	0940-1000
<b>1570981195</b>	Optimizing Memory Access Efficiency in CUDA Kernel via Data Layout Technique	v1s1r3	16-Mar	1000-1020
<b>1570981217</b>	Cloud Services – Boon or Bane: A Comprehensive Review	v1s2r3	16-Mar	1100-1120
<b>1570984614</b>	Mapping Model and Heuristics for Accelerating Deep Neural Networks and for Energy-Efficient Networks-On-Chip	v1s2r3	16-Mar	1120-1140
<b>1570988010</b>	Designing, Implementing, and Evaluating a Municipal Water Quality Dashboard	v1s2r3	16-Mar	1140-1200
<b>1570988239</b>	A Novel Approach to Detecting and Mitigating Keyloggers	v1s2r3	16-Mar	1200-1220
<b>1570988648</b>	Semantic Science: Publication Beyond the PDF	v1s3r3	16-Mar	1400-1420
<b>1570988931</b>	A Lightweight Multi-Factor Authentication and Privacy Preservation Protocol for Fleet Vehicles	v1s3r3	16-Mar	1420-1440
<b>1570989885</b>	Optimizing Data Retrieval from Secondary Storage with a Proactive Intermediate Cache	v1s3r3	16-Mar	1440-1500
<b>1570987332</b>	A Blockchain Smart Contract Framework Using Interpreted Programming Languages and Decentralized Storage	v1s3r3	16-Mar	1500-1520

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### Track 4: Signal and Image Processing

Paper Number	Title	Session	Date	Time (EST)
<b>1570977178</b>	Evaluating Feature Importance for Speaker Separation Models	v1s2r2	16-Mar	1100-1120

1570981202	Dirt with Flask: Image Processing for Soil Color	v1s2r2	16-Mar	1120-1140
1570983987	Using Time Series Encoders with Image Classifiers to Perform Modulation Recognition	v1s2r2	16-Mar	1140-1200
1570986803	Water Level Detection in Adverse Weather Conditions Using Security Cameras	v1s3r2	16-Mar	1400-1420
1570987251	Histogram Matching and Fusion for Effective Low-Light Image Enhancement	v1s3r2	16-Mar	1420-1440
1570989096	Spatial Processing with High-Fidelity Antenna-Element Models and Digitally Quantized Weights	v1s3r2	16-Mar	1440-1500

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### Track 5: Microelectronics, Devices and Sensors

Paper Number	Title	Session	Date	Time (EST)
1570980527	Enhanced IoT Water Quality Monitoring System for Data-Based Aquaculture	v2s1r2	17-Mar	0900-0920
1570980544	Finite Element Analysis of Super Ball Grid Array Packages Mounted in Printed Circuit Board	v2s1r2	17-Mar	0920-0940
1570980634	Accelerating CPU to Memory Access in SoC Architecture Design	v2s1r2	17-Mar	0940-1000
1570981103	Temperature Dependent Schottky Contact Behavior of Iron (Fe) Doped $\beta$ -Ga <sub>2</sub> O <sub>3</sub>	v2s2r2	17-Mar	1100-1120
1570985984	Integration of Consumer Electronics into a Pocket Penetrometer	v2s2r2	17-Mar	1120-1140
1570976782	Detection and Suppression of Parkinson's Disease Tremors Using Soft Robotics	v2s2r2	17-Mar	1140-1200

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### Track 6: AI and Predictive Modeling

Paper Number	Title	Session	Date	Time (EST)
1570984846	On the Impact of Measurements on Location Estimation Using Sensors Fusion	v1s1r1	16-Mar	0900-0920
1570985633	Smart Streaming: Deep Learning Applications in Video Streaming Optimization	v1s1r1	16-Mar	0920-0940
1570985939	Feature Selection in High-Dimensional Space with Applications to Gene Expression Data	v1s1r1	16-Mar	0940-1000

<b>1570988559</b>	SINBAD Origins of Contextually-Guided Feature Learning: Self-Supervision with Local Context for Target Detection	v1s1r1	16-Mar	1000-1020
<b>1570987344</b>	Enhancing Sentiment Analysis in Amharic: Leveraging Transformer-Based Language Model for Low-Resource African Languages	v1s2r1	16-Mar	1100-1120
<b>1570987376</b>	Requirements Verification Through the Analysis of Source Code by Large Language Models	v1s2r1	16-Mar	1120-1140
<b>1570987494</b>	Enhancing Rare Object Detection in AI: Leveraging Synthetic Data for Improved Model Training	v1s2r1	16-Mar	1140-1200
<b>1570987523</b>	FACO: A Novel Hybrid Feature Selection Algorithm for High-Dimensional Data Classification	v1s2r1	16-Mar	1200-1220
<b>1570987764</b>	Application of a Neural Network to Computing the Stress Fields in a Bridge Cross-Section	v1s2r1	16-Mar	1220-1240
<b>1570987966</b>	ChatGPT Based ChatBot Application	v1s3r1	16-Mar	1400-1420
<b>1570988464</b>	Transforming Daily Tasks for Visually Impaired Seniors: Leveraging an OpenAI Model-Enhanced Multimodal Dialogue System with Speech Recognition in POF Smart Homes	v1s3r1	16-Mar	1420-1440
<b>1570988536</b>	Improved Operation Forecasting of Air Blowers in a Wastewater Treatment Plant via Machine Learning-Based Models	v1s3r1	16-Mar	1440-1500
<b>1570987214</b>	Deep Reinforcement Learning-Based VM Migration for IoT Security	v1s3r1	16-Mar	1500-1520
<b>1570979301</b>	From Words to Action: Sentiment Analysis on Sustainability Initiatives	v1s4r1	16-Mar	1600-1620
<b>1570981109</b>	The Future of Feelings: Leveraging Bi-LSTM, BERT with Attention, Palm V2 & Gemini Pro for Advanced Text-Based Emotion Detection	v1s4r1	16-Mar	1620-1640
<b>1570989082</b>	A Unified Approach with IoT Vehicle Monitoring: Revolutionizing Road Safety	v1s4r1	16-Mar	1640-1700
<b>1570989977</b>	System Identification of Turbomachinery Sensor Signals via Machine Learning Classification and Batch Regressive Least-Squares	v1s4r1	16-Mar	1700-1720
<b>1570988861</b>	Ag-AI: A Dynamic AI Engine for Agriculture	v1s4r1	16-Mar	1720-1740
<b>1570979186</b>	Towards a Multi-Sensor Paradigm for High Resolution Infant Activity Classification	v2s1r1	17-Mar	0900-0920
<b>1570979231</b>	Neural Operator Prediction of the Stress Distribution Within Coastal Cliffs Due to Ocean Wave Action	v2s1r1	17-Mar	0920-0940
<b>1570988584</b>	Prediction of Watershed Flow Behavior from Rainfall Events Using Machine Learning	v2s1r1	17-Mar	0940-1000

<b>1570980236</b>	Invariant Features for Accurate Predictions of Quantum Chemical UV-Vis Spectra of Organic Molecules	v2s1r1	17-Mar	1000-1020
<b>1570980392</b>	Breast Cancer Treatment Expert System	v2s1r1	17-Mar	1020-1040
<b>1570980408</b>	BERT-Driven Automation in Electronic Health Record Management System	v2s2r1	17-Mar	1100-1120
<b>1570980566</b>	Physics Informed Neural Network for Solving the Shallow Water Equations on Grids of Arbitrary Geometry	v2s2r1	17-Mar	1120-1140
<b>1570980573</b>	Unleashing the Potential of Custom Chat Generative Pre-Trained Transformer and Inordinately Deep Neural Networks in Pneumonia Diagnosis	v2s2r1	17-Mar	1140-1200
<b>1570988695</b>	Robust Network Anomaly Detection with K-Nearest Neighbors (KNN) Enhanced Digital Twins	v2s2r1	17-Mar	1200-1220
<b>1570980804</b>	Discovering Command and Control (C2) Channels on Tor and Public Networks Using Reinforcement Learning	v2s2r1	17-Mar	1220-1240
<b>1570981098</b>	Evaluation of Traffic Signal Scheduling Methods Based on Turning Movement Count	v2s3r1	17-Mar	1400-1420
<b>1570989909</b>	Privacy-Preserving Backdoor Attacks Mitigation in Federated Learning Using Functional Encryption	v2s3r1	17-Mar	1420-1440
<b>1570981125</b>	Transformative Potentials and Ethical Considerations of AI Tools in Higher Education: Case Studies and Reflections	v2s3r1	17-Mar	1440-1500
<b>1570981143</b>	Scaling Properties for Artificial Neural Network Models of a Small Nervous System	v2s3r1	17-Mar	1500-1520
<b>1570981169</b>	Neural Network-Based Prediction Modeling for External Labeling	v2s3r1	17-Mar	1520-1540
<b>1570989912</b>	Navigating the AI Wave in Martech: A Systematic Literature Review of Developments, Challenges, and Ethics	v2s4r1	17-Mar	1600-1620
<b>1570981196</b>	Sarcasm Through the Looking Glass: Multi-Domain Analysis for Improved Detection	v2s4r1	17-Mar	1620-1640
<b>1570981210</b>	Reduce Cyber Value at Risk Through AI-Enabled Anomaly Detection	v2s4r1	17-Mar	1640-1700
<b>1570983278</b>	Low-Complexity Low-Memory VGG Models for Accurate Diagnosis of Breast Cancer	v2s4r1	17-Mar	1700-1720
<b>1570980777</b>	Synthetic Data Creation for ML/AL Model Training	v2s4r1	17-Mar	1720-1740

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## Track 7: Automation, Dynamical Systems and Controls

Paper Number	Title	Session	Date	Time (EST)
1570984838	Design of a Miniature Underwater Vehicle and Data Collection System for Indoor Experimentation	v2s3r2	17-Mar	1440-1500
1570981074	Designing a Set of Stabilizing Controllers Using D-Decomposition for the System Described by a Generalized Bode Envelope	v2s3r2	17-Mar	1420-1440
1570988287	GPU-Accelerated 3D Polygon Visibility Volumes for Synergistic Perception and Navigation	v2s3r2	17-Mar	1500-1520
1570939196	Behavior-Based Communication-Aware Formation Control in Dynamic Multi-Agent Systems for Jamming Detection and Avoidance	v2s3r2	17-Mar	1400-1420
1570988569	Design and Flight Demonstration of a Quadrotor for Urban Mapping and Target Tracking Research	v2s3r2	17-Mar	1520-1540

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## Track 8: Engineering Education

Paper Number	Title	Session	Date	Time (EST)
1570981971	Teaching Computational Math and Introducing Machine Learning to Electrical Engineering Students at an Emerging Hispanic Serving Institution	v2s1r3	17-Mar	0900-0920
1570986847	Examining the Indirect Impact of Information and System Quality on the Overall Educators' Use of E-Learning Tools: A PLS-SEM Analysis	v2s1r3	17-Mar	0920-0940
1570989602	Enhancing Learning Through Post-Exam Review: A Case Study on Collaborative Coding Assessments	v2s1r3	17-Mar	0940-1000

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## Track 9: General

Paper Number	Title	Session	Date	Time (EST)
1570981186	Insights into Information-Seeking Behavior in Hearing-Loss Treatment	v2s2r3	17-Mar	1100-1120
1570982048	UVM-Based Design and Verification of AHB-Lite to AXI Bridge	v2s2r3	17-Mar	1120-1140
1570985545	What's on the Menu: Blockchain as a Real-Time Logistics Tool in Student Markets	v2s2r3	17-Mar	1140-1200
1570988586	A Study on Password Protection and Encryption in the Era of Cyber Attacks	v2s2r3	17-Mar	1200-1220

<b>1570988665</b>	Understanding of Cyber-Attack Vulnerabilities During Natural Disasters and Discussing A Cyber-Attack Resiliency Framework	v2s2r3	17-Mar	1220-1240
<b>1570988577</b>	The Pulse of Fileless Cryptojacking Attacks: Malicious PowerShell Scripts	v2s3r3	17-Mar	1400-1420
<b>1570988610</b>	Experimental Characterization of Plastic Optical Fibers for Under- and Over-Filled Injections	v2s3r3	17-Mar	1420-1440
<b>1570988614</b>	A Novel Optical Test Bed for Measuring the Light Transmission Properties of Plastic Optical Fiber Under Bending	v2s3r3	17-Mar	1440-1500
<b>1570989642</b>	Platform for Information Sharing, Prioritization, and Aggregation for Firefighters and Incident Command	v2s3r3	17-Mar	1500-1520

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# Main Conference Technical Program

March 22-23, 2024, The Westin Peachtree Plaza, Atlanta, GA

Program for the main in-person technical conference.

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Friday, March 22, 2024						
	09:00 AM to 10:30 AM	10:25 AM to 10:40 AM	10:40 AM to 12:00 PM	12:00 PM to 02:00 PM	02:00 PM to 03:30 PM	03:30 PM to 05:00 PM
<b>Piedmont 1</b>	<b>Track 6</b> AI and Predictive Modeling (d1s1p1)	<b>Coffee Break</b>	<b>Track 6</b> AI and Predictive Modeling (d1s2p1)	<b>LUNCH</b>		
<b>Piedmont 2</b>	<b>Track 7</b> Automation, Dynamical Systems and Controls (d1s1p2)		<b>Track 7</b> Automation, Dynamical Systems and Controls (d1s2p2)			
<b>Piedmont 3</b>	<b>Track 8</b> Engineering Education (d1s1p3)					<b>IEEE HKN Presentations</b>
<b>Piedmont 4</b>	<b>Track 4</b> Signal and Image Processing (d1s1p4)		<b>Track 4</b> Signal and Image Processing (d1s2p4)			
<b>Piedmont 5</b>	<b>Track 2</b> Communications and Electromagnetics (d1s1p5)		<b>Track 2</b> Communications and Electromagnetics (d1s2p5)			<b>Track 2</b> Communications and Electromagnetics (d1s3p5)
<b>Piedmont 6</b>	<b>Track 1</b> Power and Energy Systems (d1s1p6)					
<b>Piedmont 7</b>	<b>Track 9</b> General (d1s1p7)		<b>Track 9</b> General (d1s2p7)			<b>Track 9</b> General (d1s3p7)
<b>Piedmont 8</b>	<b>Track 6</b> AI and Predictive Modeling (d1s1p8)		<b>Track 6</b> AI and Predictive Modeling (d1s2p8)			<b>Track 6</b> AI and Predictive Modeling (d1s3p8)

Saturday, March 23, 2024						
	09:00 AM to 10:30 AM	10:25 AM to 10:40 AM	10:40 AM to 12:00 PM	12:00 PM to 02:00 PM	02:00 PM to 03:30 PM	03:30 PM to 05:00 PM
<b>Piedmont 1</b>	<b>Track 6</b> AI and Predictive Modeling (d2s1p1)	<b>Coffee Break</b>	<b>Track 6</b> AI and Predictive Modeling (d2s2p1)	<b>LUNCH</b>		
<b>Piedmont 2</b>	<b>Track 7</b> Automation, Dynamical Systems and Controls (d2s1p2)		<b>Track 7</b> Automation, Dynamical Systems and Controls (d2s2p2)			
<b>Piedmont 3</b>	<b>Track 5</b> Microelectronics, Devices and Sensors (d2s1p3)		<b>Track 5</b> Microelectronics, Devices and Sensors (d2s2p3)		<b>Track 5</b> Microelectronics, Devices and Sensors (d2s3p3)	
<b>Piedmont 4</b>	<b>Track 4</b> Signal and Image Processing (d2s1p4)		<b>Track 4</b> Signal and Image Processing (d2s2p4)			
<b>Piedmont 5</b>	<b>Track 3</b> Computing Systems (d2s1p5)		<b>Track 3</b> Computing Systems (d2s2p5)		<b>Track 3</b> Computing Systems (d2s3p5)	
<b>Piedmont 6</b>	<b>Track 1</b> Power and Energy Systems (d2s1p6)		<b>Track 1</b> Power and Energy Systems (d2s2p6)			
<b>Piedmont 7</b>	<b>Track 9</b> General (d2s1p7)		<b>Track 9</b> General (d2s2p7)		<b>Track 9</b> General (d2s3p7)	
<b>Piedmont 8</b>	<b>Track 6</b> AI and Predictive Modeling (d2s1p8)		<b>Track 6</b> AI and Predictive Modeling (d2s2p8)			

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Track 1: Power and Energy Systems					
Paper Number	Title	Session	Room	Date	Time (EST)
1570978567	Power Oscillation Damping of a Wind Turbine Generation with Battery Energy to Smoothen Power System Stability	d1s1p6	Piedmont 6	22-Mar	0900-0920
1570979233	Utilizing Battery Energy Storage Systems to Enhance the Integration of Photovoltaic Systems for Damping Oscillations	d1s1p6	Piedmont 6	22-Mar	0920-0940
1570980255	Thermal Analysis of Water-Cooled Totally Enclosed Non-Ventilated Induction Motor	d1s1p6	Piedmont 6	22-Mar	0940-1000
1570980783	Data-Driven Enhancement of Power System Disturbance Magnitude Estimation: Integrating Two-Beta and RoCoF Methods	d1s1p6	Piedmont 6	22-Mar	1000-1020
1570980857	A Transient Thermal Model for Power Electronics Systems	d2s1p6	Piedmont 6	23-Mar	0900-0920
1570981212	Impact Assessment of Inverter-Based Resource Integration on Circuit Breaker Arc Extinction	d2s1p6	Piedmont 6	23-Mar	0920-0940

<b>1570983172</b>	A Novel Energy-Efficient Regenerative Braking System for Electric Vehicles	d2s1p6	Piedmont 6	23-Mar	0940-1000
<b>1570983425</b>	A Research Testbed for Protection, Automation, and Cyber-Security of Digital Substations	d2s1p6	Piedmont 6	23-Mar	1000-1020
<b>1570988279</b>	Implementing a Hardware Testbed Using 3-Level ANPC Software Defined Inverters for Fault Analysis of a Transmission Network	d2s2p6	Piedmont 6	23-Mar	1040-1100
<b>1570983694</b>	Switching Transient Induced Skin Effect in Packet Energy Transfer Systems	d2s2p6	Piedmont 6	23-Mar	1100-1120
<b>1570988556</b>	Design of Power Conversion System for Pulsed Power Applications of SMES	d2s2p6	Piedmont 6	23-Mar	1120-1140
<b>1570988615</b>	Master-Slave and Peer-To-Peer Simulation Using PSCAD/EMTDC	d2s2p6	Piedmont 6	23-Mar	1140-1200
<b>1570987614</b>	Rapid Control Prototyping Platform for Grid Connected Electrical Energy Conversion Systems	d2s3p6	Piedmont 6	23-Mar	1400-1420
<b>1570989582</b>	Economic and Environmental Analysis of a Stand-Alone Microgrid Integrating Hybrid PVBSS for Electric Vehicle Charging	d2s3p6	Piedmont 6	23-Mar	1420-1440
<b>1570981372</b>	An Ensemble Learning Based Cyber Attack Detection Technique for BESS Integrated PV System	d2s3p6	Piedmont 6	23-Mar	1440-1500

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## Track 2: Communications and Electromagnetics

<b>Paper Number</b>	<b>Title</b>	<b>Session</b>	<b>Room</b>	<b>Date</b>	<b>Time (EST)</b>
<b>1570979194</b>	Performance of A Selective Amplify-And-Forward Scheme for Two-Users with Two-Relays in Rayleigh Fading	d1s1p5	Piedmont 5	22-Mar	0900-0920
<b>1570980755</b>	Impedance Measurement of a Chip-Based Passive UHF RFID Sensor Transponder	d1s1p5	Piedmont 5	22-Mar	0920-0940
<b>1570980772</b>	Developing A Channel Emulation System for Networked Autonomous Vehicles	d1s1p5	Piedmont 5	22-Mar	0940-1000
<b>1570980850</b>	In-Lab Implementation of DSRC PHY Layer	d1s1p5	Piedmont 5	22-Mar	1000-1020
<b>1570981229</b>	Expediting Lunar Exploration: A Study of 5G mmWave Communications for Upcoming Human Missions on the Moon – Relationship Between Transmit Power, Antenna Height, and Pathloss Exponent	d1s2p5	Piedmont 5	22-Mar	1040-1100
<b>1570982438</b>	Enhancing Permittivity of 3D Printing Filaments via Nanocompounding for Electromagnetic Applications	d1s2p5	Piedmont 5	22-Mar	1100-1120
<b>1570984938</b>	A Circuit Model for the Interaction of an RF Impedance Probe with Ionospheric Plasmas in the E-Layer and F-Layer Ionosphere Regions	d1s2p5	Piedmont 5	22-Mar	1120-1140

1570985603	A Framework for Classifying Applications from Raw Network Traffic Traces	d1s2p5	Piedmont 5	22-Mar	1140-1200
1570985661	Peak to Average Power Ratio Estimation and Analysis in OTFS 6G Waveform by Using Selective Mapping Algorithm	d1s3p5	Piedmont 5	22-Mar	1400-1420
1570988524	Simultaneous RSSI Path Loss Model Calibration and Localization Using Genetic Algorithms	d1s3p5	Piedmont 5	22-Mar	1420-1440
1570988603	Comprehensive Performance Evaluation of Transmission Modes in LTE	d1s3p5	Piedmont 5	22-Mar	1440-1500
1570988632	Performance Evaluation of Routing Protocols for UAV-Assisted Post-Disaster Communication Networks	d1s3p5	Piedmont 5	22-Mar	1500-1520
1570988678	RF Link Margin Analysis for a Typical Space Launch from CCSFS	d1s3p5	Piedmont 5	22-Mar	1520-1540

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### Track 3: Computing Systems

Paper Number	Title	Session	Room	Date	Time (EST)
1570953277	Symmetric Overloaded Reduced Instruction Set Architecture (SORA)	d2s1p5	Piedmont 5	23-Mar	0900-0920
1570973445	Analyzing Various Machine Learning Approaches for Detecting Android Malware	d2s1p5	Piedmont 5	23-Mar	0920-0940
1570979014	BeeVis: A Comprehensive Honey Bee Data Visualization, Exploration, and Analysis System	d2s1p5	Piedmont 5	23-Mar	0940-1000
1570979216	Securing the Future: A Comprehensive Review of Post-Quantum Cryptography and Emerging Algorithms	d2s1p5	Piedmont 5	23-Mar	1000-1020
1570980011	Connected Vehicle Security: Overview of Risks and Mitigation Strategies	d2s2p5	Piedmont 5	23-Mar	1040-1100
1570980811	Application-Level Checkpoint/Restart for Large-Scale Attack and Compliance Graphs	d2s2p5	Piedmont 5	23-Mar	1100-1120
1570981185	Transfer Learning for P300 Speller: A Data Alignment Approach for Cross-Subject P300 Data	d2s2p5	Piedmont 5	23-Mar	1120-1140
1570984369	Gradient-Based Nash Equilibrium with Delayed Information in Multi-Objective System Optimization	d2s2p5	Piedmont 5	23-Mar	1140-1200
1570984870	A Taxonomy of Side-Channels	d2s3p5	Piedmont 5	23-Mar	1400-1420
1570986805	A Low-Power IoT-Based Smart Desk Integrated with a Classroom Response System	d2s3p5	Piedmont 5	23-Mar	1420-1440
1570987332	A Blockchain Smart Contract Framework Using Interpreted Programming Languages and Decentralized Storage	d2s3p5	Piedmont 5	23-Mar	1440-1500

1570987528	Extending the Update Framework (TUF) for Industrial Control System Applications	d2s3p5	Piedmont 5	23-Mar	1500-1520
1570988607	Towards a Security Analysis of Radiological Medical Devices Using the MITRE ATT&CK Framework	d2s3p5	Piedmont 5	23-Mar	1520-1540

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## Track 4: Signal and Image Processing

Paper Number	Title	Session	Room	Date	Time (EST)
1570972534	Enhancing Low-Light Images with a Lightweight CNN-Based Visual AI Approach	d1s1p4	Piedmont 4	22-Mar	0900-0920
1570980106	Examining Brainwave Patterns in Response to Familiar Music: An EEG and Machine Learning Approach	d1s1p4	Piedmont 4	22-Mar	0920-0940
1570980128	Spectral Characterization of Clock Timing Jitter	d1s1p4	Piedmont 4	22-Mar	0940-1000
1570980596	Offline Optimization of Filter Bank Canonical Correlation Analysis for SSVEP Classification	d1s1p4	Piedmont 4	22-Mar	1000-1020
1570981093	Steganography Applications – Encoding Medical Records Within Medical Images	d1s2p4	Piedmont 4	22-Mar	1040-1100
1570985680	Reliable and Expandable SPI Interface with BITE for Multichannel ADC	d1s2p4	Piedmont 4	22-Mar	1100-1120
1570986057	Searching for Functional Neuromarkers of Multiple Sclerosis: A Geodesic Distance-Based Framework on Riemannian Manifolds of Brain Connectivity	d1s2p4	Piedmont 4	22-Mar	1120-1140
1570986174	A Simple Multi-Scale Gradient Flow-Based Subspace Reconstruction	d1s2p4	Piedmont 4	22-Mar	1140-1200
1570986834	How Eye Blink Affects the Recognition Performance of Traditional Off-Angle Iris Images	d2s1p4	Piedmont 4	23-Mar	0900-0920
1570987323	License Plate Image Resolution Enhancement Using Super-Resolution Generative Adversarial Network	d2s1p4	Piedmont 4	23-Mar	0920-0940
1570987435	Scanning Acoustic Microscopy for 3D Print Quality Control	d2s1p4	Piedmont 4	23-Mar	0940-1000
1570988382	Blink Detection for Off-Angle Iris Recognition Using Deep Learning	d2s1p4	Piedmont 4	23-Mar	1000-1020
1570988399	Cesium Tiles for High-Realism Simulation and Comparing SLAM Results in Corresponding Virtual and Real-World Environments	d2s2p4	Piedmont 4	23-Mar	1040-1100
1570988611	Enhancing P300 Feature Extraction Through MultiScale Separable Convolution	d2s2p4	Piedmont 4	23-Mar	1100-1120
1570988618	Vector-Quantization Variational Autoencoder Based Data Rate Reduction for Wireless Ultrasound Imaging Systems	d2s2p4	Piedmont 4	23-Mar	1120-1140

### Track 5: Microelectronics, Devices and Sensors

Paper Number	Title	Session	Room	Date	Time (EST)
1570980423	Fractional-Order Immitance Converter (FGIC44) Performance Using Wideband Fractional-Order Element Seeds	d2s1p3	Piedmont 3	23-Mar	0900-0920
1570980425	Influence and Algorithmic Suppression of Parasitic Capacitance of the R-C-NR Layer Contacts in Thick-Film Fractional-Order Capacitor	d2s1p3	Piedmont 3	23-Mar	0920-0940
1570980430	Emulation of Fractional-Order Impedance with $\alpha = 0.5$ Using MOSFET Revised RC-Ladder Topology	d2s1p3	Piedmont 3	23-Mar	0940-1000
1570981213	Fatigue Analysis in Assembly Line Workers Using Brain Computer Interface	d2s1p3	Piedmont 3	23-Mar	1000-1020
1570986849	A Fully Adaptive Electromagnetic Suspension System for Vehicles	d2s2p3	Piedmont 3	23-Mar	1040-1100
1570986857	Optimizing Educational Spaces: Achieving Optimal Thermal Comfort, Occupancy Precision, and Energy Efficiency Through the Integration of IoT Sensor Technology and Fuzzy Logic Control	d2s2p3	Piedmont 3	23-Mar	1100-1120
1570988347	Conductance Oscillations in Asymmetric Quantum Dot Structures	d2s2p3	Piedmont 3	23-Mar	1120-1140
1570988595	Complete Design of Energy Harvesting System for Multiband Operation	d2s3p3	Piedmont 3	23-Mar	1400-1420
1570988674	Monitoring Spatial Variability of Soil Moisture in an Orchard Using an IoT Sensor Technology	d2s3p3	Piedmont 3	23-Mar	1420-1440
1570989667	A Novel 0.04 pJ/Bit Dynamic TRNG Using Bit Reconfigurable Ring Oscillators	d2s3p3	Piedmont 3	23-Mar	1440-1500

### Track 6: AI and Predictive Modeling

Paper Number	Title	Session	Room	Date	Time (EST)
1570974425	Influence of Dam Spill Flow on Downstream River Water Temperatures	d1s1p1	Piedmont 1	22-Mar	0900-0920
1570976665	Action Recognition Systems and Deep Learning Applications in Smart City	d1s1p1	Piedmont 1	22-Mar	0920-0940
1570978288	Explicit Model Memorisation to Fight Forgetting in Time-Series Prediction	d1s1p1	Piedmont 1	22-Mar	0940-1000
1570980149	Enhancing Prosthetic Hand Control: A Study on IMU Sensor-Based Machine Learning for Precise Hand Orientation Classification	d1s1p1	Piedmont 1	22-Mar	1000-1020
1570980780	Machine Learning Fusion Model Approach for the Real-Time Detection of Head Gestures Using IMUs	d1s2p1	Piedmont 1	22-Mar	1040-1100



<b>1570980807</b>	Human-Centered Artificial Intelligence to Assist Domestic Abuse Recovery: Design Recommendations for Building Resilience to Coercive Control Through Enhanced Situation Awareness of Cognitive Attacks	d1s2p1	Piedmont 1	22-Mar	1100-1120
<b>1570980889</b>	Training a Neural Network to Perform Sentiment Analysis of Stocks-Related Tweets	d1s2p1	Piedmont 1	22-Mar	1120-1140
<b>1570980890</b>	Beyond Sequence: A Novel Image-Based Model for MicroRNA Target Prediction	d1s2p1	Piedmont 1	22-Mar	1140-1200
<b>1570986301</b>	Bee Traffic Estimation with YOLO and Optical Flow	d1s2p1	Piedmont 1	22-Mar	1200-1220
<b>1570980372</b>	Using Convolutional Neural Networks for Nutrient Deficiency Detection and Classification in Strawberry Plants	d1s1p8	Piedmont 8	22-Mar	0900-0920
<b>1570980553</b>	WCAM: Wavelet Convolutional Attention Module	d1s1p8	Piedmont 8	22-Mar	0920-0940
<b>1570980736</b>	Malware Classification Using Machine Learning	d1s1p8	Piedmont 8	22-Mar	0940-1000
<b>1570980779</b>	Exploring Dependence of Subject-Specific Training Strategies for EEG Based Brain-Computer Interfaces	d1s1p8	Piedmont 8	22-Mar	1000-1020
<b>1570981053</b>	FaceSensor-ID: A High Precision Approach on Multi-Spectral (Visible and NIR) Camera Sensor Origin Identification	d1s2p8	Piedmont 8	22-Mar	1040-1100
<b>1570981716</b>	AI-Enabled RF-Sensing for Radar Detection of Body-Worn IEDs	d1s2p8	Piedmont 8	22-Mar	1100-1120
<b>1570984391</b>	Detecting APT Using Machine Learning: Comparative Performance Analysis with Proposed Model	d1s2p8	Piedmont 8	22-Mar	1120-1140
<b>1570984855</b>	Effectiveness of Image-Based Deep Learning on Token-Level Software Vulnerability Detection	d1s2p8	Piedmont 8	22-Mar	1140-1200
<b>1570985882</b>	Applying Deep Reinforcement Learning to Train AI Agents in a Wargaming Framework	d1s3p8	Piedmont 8	22-Mar	1400-1420
<b>1570986002</b>	Towards Modeling Underground Soil Radon Gas Emanation	d1s3p8	Piedmont 8	22-Mar	1420-1440
<b>1570986395</b>	Enriching 3D Object Detection in Autonomous Driving for Emergency Scenarios: Leveraging Point Cloud Data with CARLA Simulator for Automated Annotation of Rare 3D Objects	d1s3p8	Piedmont 8	22-Mar	1440-1500
<b>1570986830</b>	Exploring Image Augmentation Methods for Long-Distance Face Recognition Using Deep Learning	d1s3p8	Piedmont 8	22-Mar	1500-1520
<b>1570986904</b>	Statistical Analysis of Substorm Events Using the WINDMI Model	d1s3p8	Piedmont 8	22-Mar	1520-1540
<b>1570987466</b>	Impact of Agile Methodology in IT Industries: A Comparative Study	d2s1p1	Piedmont 1	23-Mar	0900-0920

1570987510	Warehouse Robot Detection for Human Safety Using YOLOv8	d2s1p1	Piedmont 1	23-Mar	0920-0940
1570987882	A New Method to Predict Happiness Index Using Tweets	d2s1p1	Piedmont 1	23-Mar	0940-1000
1570988496	A Human Information Processing Approach to Derivation of Human Intent for Mobile Robots Operating in Dynamic Environments	d2s1p1	Piedmont 1	23-Mar	1000-1020
1570988580	A Retrospective Engineering Analysis of Human-AI Teams Using the Sidekick Principles	d2s2p1	Piedmont 1	23-Mar	1040-1100
1570988591	Its All About Context	d2s2p1	Piedmont 1	23-Mar	1100-1120
1570988623	CausalBO: A Python Package for Causal Bayesian Optimization	d2s2p1	Piedmont 1	23-Mar	1120-1140
1570988639	Use of Large Language Model Embeddings to Predict Research Topic Suitability Based on Organizational Capabilities	d2s2p1	Piedmont 1	23-Mar	1140-1200
1570988651	Real-Time Tracking of Misdiagnosis in Electronic Health Records for Improved Predictive Modeling	d2s1p8	Piedmont 8	23-Mar	0900-0920
1570988655	RB-XAI: Relevance-Based Explainable AI for Traffic Perception in Autonomous Systems	d2s1p8	Piedmont 8	23-Mar	0920-0940
1570988675	Hue-Tiful Privacy: Impact of Color Correction on Privacy Preserving Techniques	d2s1p8	Piedmont 8	23-Mar	0940-1000
1570988839	Spiking-Transformer Optimization on FPGA for Image Classification and Captioning	d2s1p8	Piedmont 8	23-Mar	1000-1020
1570988874	Clutter Classification Using Deep Learning in Multiple Stages	d2s2p8	Piedmont 8	23-Mar	1040-1100
1570989600	Empowering Healthcare Through Privacy-Preserving MRI Analysis	d2s2p8	Piedmont 8	23-Mar	1100-1120
1570989649	A Comprehensive Analysis of Speech Depression Recognition Systems	d2s2p8	Piedmont 8	23-Mar	1120-1140
1570989668	Employing Machine Learning for the Prediction of Antimicrobial Resistance (AMR) Phenotypes	d2s2p8	Piedmont 8	23-Mar	1140-1200
1570985172	Assessing the Rigor of Machine Learning in Physiological Signal Processing Applications	d2s2p8	Piedmont 8	23-Mar	1200-1220

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## Track 7: Automation, Dynamical Systems and Controls

Paper Number	Title	Session	Room	Date	Time (EST)
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<b>1570980154</b>	Design and PID Control of Tendon-Driven Continuum Robot for Finger Rehabilitation	d1s1p2	Piedmont 2	22-Mar	0900-0920
<b>1570980754</b>	From AI to AGI: The Evolution of Real-Time Systems with GPT Integration	d1s1p2	Piedmont 2	22-Mar	0920-0940
<b>1570982968</b>	A Novel Zero-Trust Machine Learning Green Architecture for Healthcare IoT Cybersecurity: Review, Analysis, and Implementation	d1s1p2	Piedmont 2	22-Mar	0940-1000
<b>1570988564</b>	Persistent Coverage Control of Large-Scale Domains Using Multi-Agent Systems with Anisotropic Sensors	d1s1p2	Piedmont 2	22-Mar	1000-1020
<b>1570987389</b>	Cyberattack Detection and Detector Limitations for Stochastic Processes	d1s2p2	Piedmont 2	22-Mar	1040-1100
<b>1570988316</b>	Quaternion-Based Kinematic Modeling and Control for Differential Drive Mobile Robots	d1s2p2	Piedmont 2	22-Mar	1100-1120
<b>1570988396</b>	A Model-Free Optimal Control Method	d1s2p2	Piedmont 2	22-Mar	1120-1140
<b>1570989597</b>	How to Swarm: Entropy-Based Model Parameter Analysis	d1s2p2	Piedmont 2	22-Mar	1140-1200
<b>1570988589</b>	Development of Novel Stewart Robot Equipped with 3D Printed Soft Actuators	d1s2p2	Piedmont 2	22-Mar	1200-1220
<b>1570988503</b>	Solving the Farmer's Dilemma with FlexBE Using GR(1) Synthesis	d2s1p2	Piedmont 2	23-Mar	0900-0920
<b>1570988558</b>	Optimal Control with Low Sensitivity to Sampling Period Uncertainty	d2s1p2	Piedmont 2	23-Mar	0920-0940
<b>1570988560</b>	Security of Connected and Autonomous Vehicles: A Review of Attacks and Mitigation Strategies	d2s1p2	Piedmont 2	23-Mar	0940-1000
<b>1570987388</b>	Type-1 Fuzzy Controller for Blood Glucose Regulation in Type-1 Diabetic Patients	d2s1p2	Piedmont 2	23-Mar	1000-1020
<b>1570988612</b>	Multi-Joint Adaptive Motion Imitation in Robot-Assisted Physiotherapy with Dynamic Time Wrapping and Recurrent Neural Networks	d2s2p2	Piedmont 2	23-Mar	1040-1100
<b>1570988661</b>	Least-Squares Inversion of Linear Discrete-Time Systems for Trajectory-Tracking Control	d2s2p2	Piedmont 2	23-Mar	1100-1120
<b>1570988676</b>	Design and Integration of a Multi-Sensor System for Enhanced Indoor Autonomous Navigation	d2s2p2	Piedmont 2	23-Mar	1120-1140
<b>1570988471</b>	Application of Optimal Control to Flexible SATCOM Terminal Management	d2s2p2	Piedmont 2	23-Mar	1140-1200

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## Track 8: Engineering Education

Paper Number	Title	Session	Room	Date	Time (EST)
1570979792	A Vertically Integrated Projects Model for Multi-Institution and Multi-Discipline Undergraduate Research in Radio Frequency AI/ML	d1s1p3	Piedmont 3	22-Mar	0900-0920
1570986385	Optimizing HVAC Efficiency via Deep Neural Networks for Real-Time Classroom Occupancy	d1s1p3	Piedmont 3	22-Mar	0920-0940
1570986864	A Modular Control Lab Equipment and Virtual Simulations for Engineering Education	d1s1p3	Piedmont 3	22-Mar	0940-1000
1570987325	Embedded Project Organization and Management for Multi-Target Build and Selective Code Delivery	d1s1p3	Piedmont 3	22-Mar	1000-1020
1570988605	Development of an Integrated ECE Undergraduate and Cybersecurity Graduate Program at Mercer University	d1s1p3	Piedmont 3	22-Mar	1020-1040

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## Track 9: General

Paper Number	Title	Session	Room	Date	Time (EST)
1570961464	In-Situ Analysis of Vibration and Acoustic Data in Additive Manufacturing	d1s1p7	Piedmont 7	22-Mar	0900-0920
1570977522	Decoding Driving Neural Dynamics: An Exploratory Survey of EEG Applications in Unraveling Cognitive Processes in Virtual Reality Environments	d1s1p7	Piedmont 7	22-Mar	0920-0940
1570979861	On Optimal Biofeedback Parameters for Heart Rate Variability Improvement Using Breathing Entrainment	d1s1p7	Piedmont 7	22-Mar	0940-1000
1570979993	Data Collection, Heat Map Generation for Crack Detection Using Robotic Dog Fused with FLIR Sensor	d1s1p7	Piedmont 7	22-Mar	1000-1020
1570979996	Design and Implementation of a Cost-Effective Semi-Autonomous Scissor Lift Robot for Industrial Material Handling	d1s2p7	Piedmont 7	22-Mar	1040-1100
1570980187	Cyberattacks and Cybersecurity in Additive Manufacturing	d1s2p7	Piedmont 7	22-Mar	1100-1120
1570980405	Enhancing Accessibility and Affordability of Mobile Robotic Platforms Through MMATR: A Modular Machine-Learning Autonomous Trainable Rover	d1s2p7	Piedmont 7	22-Mar	1120-1140
1570980424	Fractional-Order Equivalent Circuit Representation of Kohlrabi Tissue Samples	d1s2p7	Piedmont 7	22-Mar	1140-1200
1570980426	Exploring the Effect of Electrode Material on the Electrical Impedance of Liquid Samples	d1s3p7	Piedmont 7	22-Mar	1400-1420
1570980428	Optimizing Data Capture Through Object Recognition for Efficient Sensor and Camera Management with a Quadruped Robot	d1s3p7	Piedmont 7	22-Mar	1420-1440

1570980765	Towards Modelling Artificial Intelligence Parsing Documents for Cyber-Policing Data Protection and Privacy Environments Using Privacy Impact Assessments and Data Protection Impact Assessment Questionn	d1s3p7	Piedmont 7	22-Mar	1440-1500
1570980787	Analyzing Internal Resistance in Lithium Nickel Cobalt Oxide (LiNiCoO) Vehicle Batteries for Enhanced SOC and SOH Prediction	d1s3p7	Piedmont 7	22-Mar	1500-1520
1570983057	Assessing the Flow State in a Classic Video Game Through Simulation	d1s3p7	Piedmont 7	22-Mar	1520-1540
1570984557	Optimal-Tolling Using Reinforcement Learning	d2s1p7	Piedmont 7	23-Mar	0900-0920
1570986060	A Highly Secure Reconfigurable Memory-Based Strong PUF for Device Authentication in Internet of Things	d2s1p7	Piedmont 7	23-Mar	0920-0940
1570986322	AppMAIS Audio Data Labeling Application	d2s1p7	Piedmont 7	23-Mar	0940-1000
1570980569	Gesture-Guided Exosuit Interface: Advancing Motion Tracking and Automation for Robotic Control	d2s1p7	Piedmont 7	23-Mar	1000-1020
1570987445	Backpropagation Techniques in SNN and Application in Image Segmentation	d2s2p7	Piedmont 7	23-Mar	1040-1100
1570988621	Analysis of Antenna Manufacturing Methods: Addressing Challenges in 3D Printing	d2s2p7	Piedmont 7	23-Mar	1100-1120
1570988672	Examining How Targeted Cyber Attacks on Critical Supply Chain Networks Can Lead to Economic Collapse and Civil Unrest	d2s2p7	Piedmont 7	23-Mar	1120-1140
1570980275	Exploring the Feasibility of Solar-Powered Autonomous Underwater Survey Vehicles for Extended Underwater Exploration	d2s2p7	Piedmont 7	23-Mar	1140-1200
1570989562	The Role of Technology in Enhancing Adolescent Online Safety: Current Trends and Future Directions	d2s3p7	Piedmont 7	23-Mar	1400-1420
1570989642	Platform for Information Sharing, Prioritization, and Aggregation for Firefighters and Incident Command	d2s3p7	Piedmont 7	23-Mar	1420-1440
1570987365	Preliminary Results from Vibration-Induced Locomotion of A Compliant Robot	d2s3p7	Piedmont 7	23-Mar	1440-1500
1570988658	Automated Feedback in Software Engineering: Enhancing Computational Thinking Process	d2s3p7	Piedmont 7	23-Mar	1500-1520
1570988596	From Learning Agents to Agile Software: Reinforcement Learning's Transformative Role in Requirements Engineering	d2s3p7	Piedmont 7	23-Mar	1520-1540

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## Poster Sessions

March 22-23, 2024, The Westin Peachtree Plaza, Atlanta, GA

Friday, March 22, 2024						
	09:00 AM to 10:30 AM	10:25 AM to 10:40 AM	10:40 AM to 12:00 PM	12:00 PM to 02:00 PM	02:00 PM to 03:30 PM	03:30 PM to 05:00 PM
Ansley 1	p1s1a1	COFFEE BREAK		LUNCH		
Ansley 2			p1s2a2			
Ansley 3						
Ansley 4						

Saturday, March 23, 2024						
	09:00 AM to 10:30 AM	10:25 AM to 10:40 AM	10:40 AM to 12:00 PM	12:00 PM to 02:00 PM	02:00 PM to 03:30 PM	03:30 PM to 05:00 PM
Ansley 1		COFFEE BREAK		LUNCH		
Ansley 2						
Ansley 3	p2s1a3					
Ansley 4			p2s2a4			

\*Note : presenters are **required** to attend to their posters in the timeslots given. They are welcome to attend to their posters at any other time over the conference as well, in addition.

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POSTER SESSION					
Paper Number	Title	Session	Room	Date	Time (EST)
1570974785	Medical Devices: Reverse Engineering for Innovation and Advancement in Healthcare	p1s1a1	Ansley 1	22-Mar	0900-1030
1570975590	Quantum Authentication Protocol for Secure Quantum Superdense Coding	p1s1a1	Ansley 1	22-Mar	0900-1030
1570980584	Frequency Suppression by Metamaterials	p1s1a1	Ansley 1	22-Mar	0900-1030
1570983673	Maximizing NFC Reader Power Transfer via Multiple IC Implementation for Enhanced Power Extraction	p1s1a1	Ansley 1	22-Mar	0900-1030
1570985828	Cross-Layer Performance Evaluation of C-V2X	p1s1a1	Ansley 1	22-Mar	0900-1030
1570986010	A Size Reduced Dual-Element Dipole	p1s2a2	Ansley 2	22-Mar	1040-1200

<b>1570986013</b>	Frequency Modulated Continuous Wave Radar Matlab Simulation Environment for Multiple Human Target Tracking	p1s2a2	Ansley 2	22-Mar	1040-1200
<b>1570987415</b>	Plasma-Aided Inkjet Printing of Silver Nanoparticle Conductive Structures on PDMS for Wearable Applications	p1s2a2	Ansley 2	22-Mar	1040-1200
<b>1570987446</b>	Can 5G Coexist with Satellite Uplink in 28 GHz Band?	p1s2a2	Ansley 2	22-Mar	1040-1200
<b>1570987526</b>	Advanced Technique for Network Data Ingestion and Data Pipeline Standardization to Assess Network Performance and Reliability	p1s2a2	Ansley 2	22-Mar	1040-1200
<b>1570988515</b>	Passive Millimeter Wave Concealed Object Detection Using YOLOv8	p2s1a3	Ansley 3	23-Mar	0900-1030
<b>1570988563</b>	Streamlining Clean Microgrid Economics: Multivariate Cost Optimization with Nuclear Power Integration	p2s1a3	Ansley 3	23-Mar	0900-1030
<b>1570988682</b>	AI-Based Bearing Defect Detection Using Variable Reluctance Sensor Signal	p2s1a3	Ansley 3	23-Mar	0900-1030
<b>1570988683</b>	A General Approach to Website Question Answering with Large Language Models	p2s1a3	Ansley 3	23-Mar	0900-1030
<b>1570989108</b>	AI-Assisted Image Fusion for Tracking of Occulated Objects	p2s1a3	Ansley 3	23-Mar	0900-1030
<b>1570989301</b>	A Low-Cost System for Solar Cell Current-Voltage Characterization	p2s2a4	Ansley 4	23-Mar	1040-1200
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