Session 1	**09:05 - 10:35 (CST)**	**Electrical Engineering Applications**	**Presenter***
Session Title		Effects of Localized Watering and Grounding Configuration on High-Frequency Radio Reception Using Software-Defined Radio	
Author(s) Name		Tyson Eastep	Tyson Eastep
Session Title		LTspice-Based Investigation of EMI Behavior in Shipboard Electrified Transportation Power Converters	
Author(s) Name		Amy Choi and Mahajan Sagar Bhaskar	Amy Choi
Session Title		Open-Source Characterization of 3.3V SRAM Macros in the GF180MCU PDK	
Author(s) Name		Ekadanta Soedarmadji	Ekadanta Soedarmadji
Session Title		Grid-Following Inverter-Based Frequency Support Using ANFIS in a Two-Area Interconnected Load Frequency Control System	
Author(s) Name		Muhammad Shehzore Hashmi and Dr. Shamsun Nahar Edib	Muhammad Shehzore Hashmi
Session Title		Enhanced Wavelet-Based Anomaly Detection Framework for Zero Trust Security in 5G Networks	
Author(s) Name		Ugoaghalam Uche James and Cajetan Akujuobi	Ugoaghalam Uche James
Session 2	**10:55 - 12:25 (CST)**	**Artificial Intelligence (AI) Applications I**	**Presenter**

Session Title		Fully Decentralized and Safety-Aware Multi-Agent Reinforcement Learning for Control on Networks	
Author(s) Name		Theodore Rogalski and Shirantha Welikala	Theodore Rogalski
Session Title		AI Tools for Fish Migration: Automated Detection and Counting	
Author(s) Name		Anubhav Sinha, Hope Anderson, Zoe Vandervelde, Aileen Sengupta, Tyler Cowles, William Fowler, Aiden McComiskey, Mathias Rinderknech, James Gibbs, Obafemi Jinadu and Dr. Karen Panetta	Anubhav Sinha, Zoe Vandervelde
Session Title		Reward Design for GRPO-Fine-Tuned LLMs in Monetary Policy Forecasting	
Author(s) Name		Muhammad Alliyu	Muhammad Alliyu
Session Title		Hey, That Is Anomalous! Time-Series Anomaly Detection with Chronos-2	
Author(s) Name		Nunzio Licalzi, Valentino Vacirca, Aldo Karamani, Simone Francesco Licitra, Sara Cappelletti, Alberto Calcara, Fabio Tommaselli, Federico De Filippo and Cristian Di Tucci	Nunzio Licalzi
Session Title		Multi-State Hinge Protein Design via Structure-Guided Optimization	
Author(s) Name		David Kwabi-Addo, Mihir Bafna, Bowen Jing and Bonnie Berger	David Kwabi-Addo
Session 3	**13:45 - 15:15 (CST)**	**Computer Applications**	**Presenter**
Session Title		Analyzing Time and Space Complexity in Chess Position and Storage	
Author(s) Name		Tyler Crimando	Tyler Crimando

Session Title		Characterizing Dynamics of a Synthetic Antivenom Peptide	
Author(s) Name		Leena Afifi	Leena Afifi
Session Title		Artificial Intelligence Sycophancy and Cognitive Offloading: A Proposed Empirical Study of LLM Tutors in STEM Education	
Author(s) Name		Alberto Calcara, Fabio Tommaselli, Federico De Filippo, Nunzio Licalzi and Cristian Di Tucci	Alberto Calcara
Session Title		Improved Derivative Clone Detection via Tiered Similarity Scoring and Vector Search	
Author(s) Name		Jamie Heller and Samuel Guyer	Jamie Heller
Session Title		Gaming Controller as an Alternative Computer Input Device	
Author(s) Name		Olivia Ward	Olivia Ward
Session 4	**15:30 - 17:00 (CST)**	**Artificial Intelligence (AI) Applications II**	**Presenter**
Session Title		AI-Assisted Intelligent Calibration of Pressure and Temperature Sensors for Electric Submersible Pump Monitoring	
Author(s) Name		Chidinma Idonor, Peter Lopresti and Aditya Kameswara Rao Nandula	Chidinma Idonor
Session Title		A Systematic Review of Generative AI and Learning Theories in Computer Science Education	
Author(s) Name		Dana Harris and Susan Mengel	Dana Harris

Session Title		Octopus Protocol: One-Shot Hardware Discovery and Control for AI Agents via Infrastructure-as-Prompts	
Author(s) Name		Quilee Simeon, Yile Fan and Minggan Wei	Justin Minggan Wei
Session Title		TDI: A Multimodal Radiograph Annotation Tool for Data Expansion and Learning	
Author(s) Name		William Taggard, Andrew Kochi, Caleb Johnson, Luke Boshar, Laura Kaplan and Dr. Karen Panetta	William Taggard
Session Title		Multispectral Machine Vision for Plant-Level Detection of Potato Virus Y Using UAV Remote Sensing	
Author(s) Name		Muhammad Shehzore Hashmi, Dr. Bradley Whitaker and Dr. Paul Nugent	Muhammad Shehzore Hashmi