



Oral Presentation Session

April 6th 2018 1:30pm – 4:00pm
Centennial Engineering Center Room 1044

Time	Name		Talk Title
	Session 1		
		ECE 118	
1:30pm - 2:00pm	Shu	Wang	Breaking the Scaling Limit: A Parallel-in-Space-and-Time Method for Transient Electromagnetic Problems
2:00pm - 2:30pm	Vijay Saradhi	Mangu	Direct Dependence of Chemical Doping on Thickness of MoS2 Nano Layers
2:30pm - 3:00pm	Marios	Patriotis	A Ka-Band Frequency Reconfigurable Circularly Polarized Antenna Array Using a Ring Resonator
3:00pm - 3:30pm	Preyom	Dey	Resolution Enhancement For Optical Microscopy
3:30pm - 4:00pm	Juan J	Faria Briceno	Measuring Liquid Properties on Nano-scale Photoresist 1D Patterned Structures
	Session 2		
		ECE 132	
1:30pm - 2:00pm	Alireza	Ghasempour	Data Synchronization for Throughput Maximization in Distributed Transmit Beamforming
2:00pm - 2:30pm	Gerro	Prinsloo	Synthesis of an intelligent rural village microgrid control strategy based on smartgrid multi-agent modeling and transactive energy management principles
2:30pm - 3:00pm	Rezoan	Shuvro	Modeling Cascading Failures in Power Grids Including Communication and Human operator impacts
3:00pm - 3:30pm	Amir	Raeisi Nafchi	Bit Error Rate (BER) Analysis of Discrete Fractional Fourier Transform (DFrFT) based OFDM Systems
3:30pm - 4:00pm	Abraham	Puthuvana Vinod	Scalable Underapproximative Verification of Stochastic LTI Systems using Convexity and Compactness.
	Session 3		
		ECE 215	
1:30pm - 2:00pm	Manish	Bhattarai	Detection and Identification of Objects and Humans in Thermal Images Using Convolutional Neural Networks
2:00pm - 2:30pm	Krithika	Saravanan	Robust Text Activity Detection from Videos of Computer Monitors
2:30pm - 3:00pm	Venkatesh	Jatla	Image Processing Methods for Coronal Hole Segmentation, Matching, and Map Classification
3:00pm - 3:30pm	Gangadharan	Esakki	Adaptive high efficiency video coding for camera activity classification
3:30pm - 4:00pm	Anees	Abrol	Schizophrenia Shows Disrupted Links between Brain Volume and Dynamic Functional Connectivity
	Session 4		
		ECE 310	
1:30pm - 2:00pm	Yehia	Arafa	Fault Tolerance Performance Evaluation of Large Scale Distributed Storage Systems: HDFS and Ceph Case Study
2:00pm - 2:30pm	Kuaikuai	Duan	Gray Matter Alteration Associated with Polygenic Risk Scores for ADHD in Adults
2:30pm - 3:00pm	Abhinav	Aggarwal	GenID: Sybil-Resistant Identity Generation in Peer-to-Peer Networks
3:00pm - 3:30pm	Debbrata Kumar	Saha	See without looking: joint visualization of sensitive multi-site datasets
3:30pm - 4:00pm	Francisco	Viramontes	Data Collection and Gaussian Process Forecasting on Wi-Fi Networks for Resource Allocation