



USF MINI-WORKSHOP ON CONTROL THEORY

0830 – 1700, CUTR, May 22, 2017

AGENDA

0830 – 0845	Opening Talk and Coffee (Tansel Yucelen)
0845 – 0915	Set-Theoretic Model Reference Adaptive Control for Enforcing User-Defined Time-Varying Performance Bounds (Ehsan Arabi)
0915 – 0945	Decentralized Adaptive Control Architecture for Large-Scale Active-Passive Modular Systems (Benjamin Gruenwald)
0945 – 1015	Stability Analysis of Switched Systems with Time-Varying Discontinuous Delays (Michael Malisoff)
1015 – 1030	Break
1030 – 1100	Distributed Kalman Filter and LQG Control Under Resource Constraints (Yasin Yilmaz)
1100 – 1130	Online Nonparametric Anomaly Detection in Large-Scale Systems (Yasin Yilmaz)
1130 – 1200	On Local Design and Execution of a Distributed Input and State Estimation Architecture for Heterogeneous Sensor Networks (Dzung Tran)
1200 – 1300	Lunch
1300 – 1330	Contention Resolving Optimal Priority Assignment for Event-Triggered Model Predictive Controllers (Michael Malisoff)
1330 – 1400	Event Triggered Active-Passive Dynamic Consensus Filters (Daniel Peterson)
1400 – 1430	Adaptive Control for a Class of Uncertain Nonlinear Dynamical Systems in the Presence of High-Order Actuator Dynamics (Benjamin Gruenwald)
1430 – 1445	Break and Coffee
1445 – 1515	Stability and Robustness Analysis for Multi-Species Chemostat Model with Uncertainties (Michael Malisoff)
1515 – 1545	Distributed Adaptive Control of Networked Multiagent Systems with Heterogeneous Actuator Dynamics (Merve Dogan)
1545 – 1600	Break
1600 – 1700	Social Time



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