

Day/ Session/ Order	Speaker	Affiliation	Title
sat1_1	Alexander Olshevsky	MIT	Distributed Anonymous Function Computation in Information Fusion and Multiagent Systems
sat1_2	Usman Khan	CMU	Higher Dimensional Consensus: Design and Analysis
sat1_3	Gabriel Lipsa	UMD	Optimal Distributed State Estimation with Communication Cost: A Majorization Theory Approach
sat1_4	Elisa Franco	Caltech	Programming synthetic biomolecular systems
sat1_5	Victor M. Preciado	University of Pennsylvania	Spectral Estimation from Local Information in Complex Networks
sat2_1	Roberto Ambrosino	CMU	Sensor Scheduling for Energy Efficient Estimation in Wireless Sensor Networks
sat2_2	Ruomin Wu	Boston University	Maximum Lifetime Routing and Energy Allocation in Wireless Sensor Networks
sat2_3	Xu Ning	Boston University	Maximum Lifetime Routing in Wireless Sensor Networks with Kinetic Battery Model
sat2_4	Utku Ozan Candogan	MIT	Competitive scheduling in wireless collision channels with correlated channel state
sat2_5	Leo Singer	UMD	Multi-pinger Localization for Underwater Autonomous Navigation: Algorithms and Implementation
sat3_1	Quanyan Zhu	UIUC	Hierarchical Network Formation Games in the Uplink of Multi-Hop Wireless Networks
sat3_2	Chao Xu	Lehigh University	Optimal Control of Nonlinear Distributed Parameter Systems via Proper Orthogonal Decomposition and Picard Iteration
sat3_3	Yongqiang Wang	UMD	Dynamic Pricing with Continuous Stochastic Demand
sun1_1	Sachit Butail	UMD	Vision-based tracking of 3D position and pose of multiple underwater vehicles
sun1_2	Darren Pais	Princeton	Formation shape and orientation control using projected collinear tensegrity structures
sun1_3	Ross Hatton	CMU	Connection Vector Fields for Locomoting Systems
sun1_4	YenChen Liu	UMD	Task Space Synchronization of Networked Robotic Systems
sun1_5	Efstathios Bakolas	Georgia Tech	Variations of the Classical Markov-Dubins Synthesis Problem
sun2_1	Kostas Bimpikis	MIT	Social Networks: Communication and Learning
sun2_2	James Weimer	CMU	Multi-Source Detection and Estimation (MSDE) in Advection-Diffusion Processes Using Wireless Sensor Networks (WSN)
sun2_3	Ali Vakili	Caltech	Kalman Filtering with Intermittent Observations over Stable Systems: A Steady-State Analysis
sun3_1	Dan Iancu	MIT	Optimality of Affine Policies in Multi-Stage Robust Optimization
sun3_2	Rajeev Verma	University of Michigan	Continuous Control of Hybrid Automata with Imperfect Mode Information Assuming Separation between State Estimation and Control
sun3_3	Joseph Galante	UMD	Experimental Results for a Gyro Bias Adaptive Attitude Observer
sun3_4	Umashankar Nagarajan	CMU	Trajectory Planning and Control of an Underactuated Dynamically Stable Single Spherical Wheeled Mobile Robot
sun3_5	Sarah Hamilton	University of Toronto	Geometric Control of Circulant Systems
sun3_6	Ruirui Gu	UMD	Efficient implementation of Model Predictive Control
sun3_7	Yao Li	UMD	A Model-Predictive Control Model (MPC) for Human Posture Regulation