### AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>0830 – 0845</td>
<td>Opening Talk and Coffee (Tansel Yucelen)</td>
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<tr>
<td>0915 – 0945</td>
<td>Decentralized Adaptive Control Architecture for Large-Scale Active-Passive Modular Systems (Benjamin Gruenwald)</td>
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<tr>
<td>0945 – 1015</td>
<td>Stability Analysis of Switched Systems with Time-Varying Discontinuous Delays (Michael Malisoff)</td>
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<tr>
<td>1015 – 1030</td>
<td>Break</td>
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<tr>
<td>1030 – 1100</td>
<td>Distributed Kalman Filter and LQG Control Under Resource Constraints (Yasin Yilmaz)</td>
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<tr>
<td>1100 – 1130</td>
<td>Online Nonparametric Anomaly Detection in Large-Scale Systems (Yasin Yilmaz)</td>
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<tr>
<td>1130 – 1200</td>
<td>On Local Design and Execution of a Distributed Input and State Estimation Architecture for Heterogeneous Sensor Networks (Dzung Tran)</td>
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<tr>
<td>1200 – 1300</td>
<td>Lunch</td>
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<tr>
<td>1300 – 1330</td>
<td>Contention Resolving Optimal Priority Assignment for Event-Triggered Model Predictive Controllers (Michael Malisoff)</td>
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<tr>
<td>1330 – 1400</td>
<td>Event Triggered Active-Passive Dynamic Consensus Filters (Daniel Peterson)</td>
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<td>1400 – 1430</td>
<td>Adaptive Control for a Class of Uncertain Nonlinear Dynamical Systems in the Presence of High-Order Actuator Dynamics (Benjamin Gruenwald)</td>
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<td>1430 – 1445</td>
<td>Break and Coffee</td>
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<tr>
<td>1445 – 1515</td>
<td>Stability and Robustness Analysis for Multi-Species Chemostat Model with Uncertainties (Michael Malisoff)</td>
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<tr>
<td>1515 – 1545</td>
<td>Distributed Adaptive Control of Networked Multiagent Systems with Heterogeneous Actuator Dynamics (Merve Dogan)</td>
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<tr>
<td>1545 – 1600</td>
<td>Break</td>
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<tr>
<td>1600 – 1700</td>
<td>Social Time</td>
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**USF MINI-WORKSHOP ON CONTROL THEORY**  
0830 – 1700, CUTR, May 22, 2017

Organized by the USF’s Laboratory for Autonomy, Control, Information, and Systems