Aerospace/Transportation Systems

Siva Banda, Gunter Stein, George Meyer, Andy Packard, Anna Stefanopoulou, Landis Markley, Kevin Wise, Jonathan How, Eric Justh, Kristi Morgansen, Claire Tomlin



Technologies Areas

- Air traffic control
- Vehicle Management
- Mission/Multi-vehicle Management
- Command and Control of Battlefield
 people in the loop
- · Ground traffic control (air and ground)
- · Automotive vehicle & engine control
- Topology/architecture (dynamic)
- Space vehicle Clusters
- Autonomous control for deep space travel



Vignettes

- Flight Control (of unstable aircraft)
- Fuel economy & emission control
- Center TRACON automation System & TCAS
- Precision weapons
- Unique GPS uses (e.g. attitude determination)