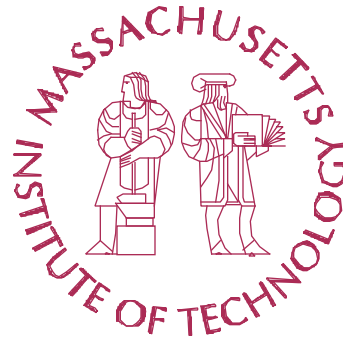


**Lean Aerospace Initiative
Plenary Workshop
“Coordination Strategies for the Lean
Enterprise”**



March 24, 1999

Presented By:
Kirk Bozdogan
MIT

Research Sponsored by LAI



- **Kick-off theme: *Coordination Strategies for the Lean Enterprise***
- **Provide research context**
- **Introduce today's briefings**

More effective coordination strategies and mechanisms provide a significant opportunity for reducing cycle time and cost for extended enterprises in the aerospace industry



Research Context

A number of LAI research projects address the challenge of achieving more effective coordination across the value stream

- **Managing the engineering change process**
- **Building information systems for supplier integration**
- **Establishing supplier-managed-inventory (SMI) programs**
- **Performing collaborative R&D with suppliers**
- **Defining effective supplier coordination mechanisms**
- **Creating partnerships for helicopter development based on strategic make-buy and outsourcing decisions**
- **Incentivizing supplier investment in new technologies**



Today's Briefings

- ***Coordination Strategies for the Extended Enterprise***
 - Prof. Marc Knez, LAI (University of Chicago); joint research with Prof. Duncan Simester, LAI (MIT Sloan School)
- ***Lean Initiatives for Coordinating AlliedSignal's Supplier Value Stream***
 - Ms. Jan Summers, AlliedSignal
- ***Collaboration and Coordination among Multiple Enterprises: A Cross-Industry Perspective***
 - Prof. Sandy Jap, LAI (MIT Sloan School)