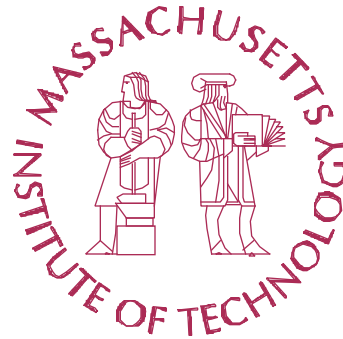


# **Lean Aerospace Initiative Plenary Workshop**

## **Integration of Space into LAI**



**March 31- April 1, 1998**

**Presented By:  
Joyce M. Warmkessel  
MIT**



## ***January Kickoff Meeting Results***

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- **Jump start on research interests**
- **Space Sector member signups**
- **Test and Space Operations Focus Team formed**
- **AFSPC commitment to support LAI**
- **Space Sector New Member orientation yesterday**



## ***Space Specific Interests - 14 Jan.***

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- **Test and Operations**
  - Test reduction approaches
  - Lean Operations (launch and on orbit)
- **Policy**
  - Risk and incentives in contracts
- **Product Development**
  - Risk assessment, management & communication of mission and program
  - Technology investment and insertion in low volume
- **Supplier Relations**
  - Supplier base maintenance and development
- **Factory Operations**
  - Tools for process control or assessment with focus on low volume



# Test and Space Operations

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- **Research Topics**
  - Satellite testing best practices (started)
  - Aircraft System Testing
  - Lean approaches to space operations
  - Specific cases to be determined
- **Research Activities**
  - Initial research agenda to be finalized at this Plenary
  - Initial survey of satellite test practices to be completed summer 1998
  - Other activities to be identified

MIT  
Joyce Warmkessel

Industry  
Frank Goodell

Government  
TBD



## ***Space Is an Integral Part of LAI***

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- **Executive Board, Integration Team and Working Group all have appropriate Space Sector Representation.**
- **Each focus team and IPT has been expanded to include members from Space Sector Organizations**
- **New Test and Space Operations Focus Team addresses testing in all sectors.**
- **LAI is strengthened with the addition of a Space Sector**