



**LAI 2004 Plenary Conference**  
**Session on**  
**REVITALIZING SYSTEMS ENGINEERING**

Session Chair:  
Dr. Donna H. Rhodes  
Massachusetts Institute of Technology

March 23, 2004



# Session Agenda

- Perspectives from Government**
  - Mrs. Marty Evans, SAF ACE
- Perspectives from Industry**
  - Mr. Steve Tyley, Lockheed Martin
- Perspectives from Government**
  - Mr. Mark Schaeffer, OSD AT&L
  - Break --
- Perspectives from Industry**
  - Mr. Joe Adams, Pratt & Whitney
- Perspectives from Government/University**
  - Mr. Mark Wilson, AF SE Center at AFIT
- Perspectives from Industry**
  - Mr. Dennis Schwarz, Boeing
- Q & A Session**
- Closing Remarks**



# Government Perspectives

## ***Headquarters U.S. Air Force***

*Integrity Service Excellence*

## **Revitalizing Systems Engineering (SE)**



**Mrs. Marty Evans  
Director**

**Acquisition Center of Excellence**

**U.S. AIR FORCE**



## Industry Perspectives

**SYSTEM ENGINEERING  
LAI  
PLENARY SESSION  
MARCH 23, 2004**

**Stephen J. Tyley  
Site Manager, System Engineering  
Sunnyvale,  
Space Systems Company  
Lockheed Martin**



# Government Perspectives

---



## **Systems Engineering Revitalization**

**Mr. Mark Schaeffer  
Director, Systems Engineering  
OSD AT&L**

**BREAK**

## **Systems Engineering**

*Key Elements and Implementation*

---

---

**Joe Adams**  
**Vice President, Engineering**  
**Pratt & Whitney**



# Government Perspectives

---



---

## AF Center for Systems Engineering at AFIT – Initiatives

Lean Aerospace Initiative Plenary Conference



**Mr. Mark Wilson**  
**Director**  
**23 March 04**

---

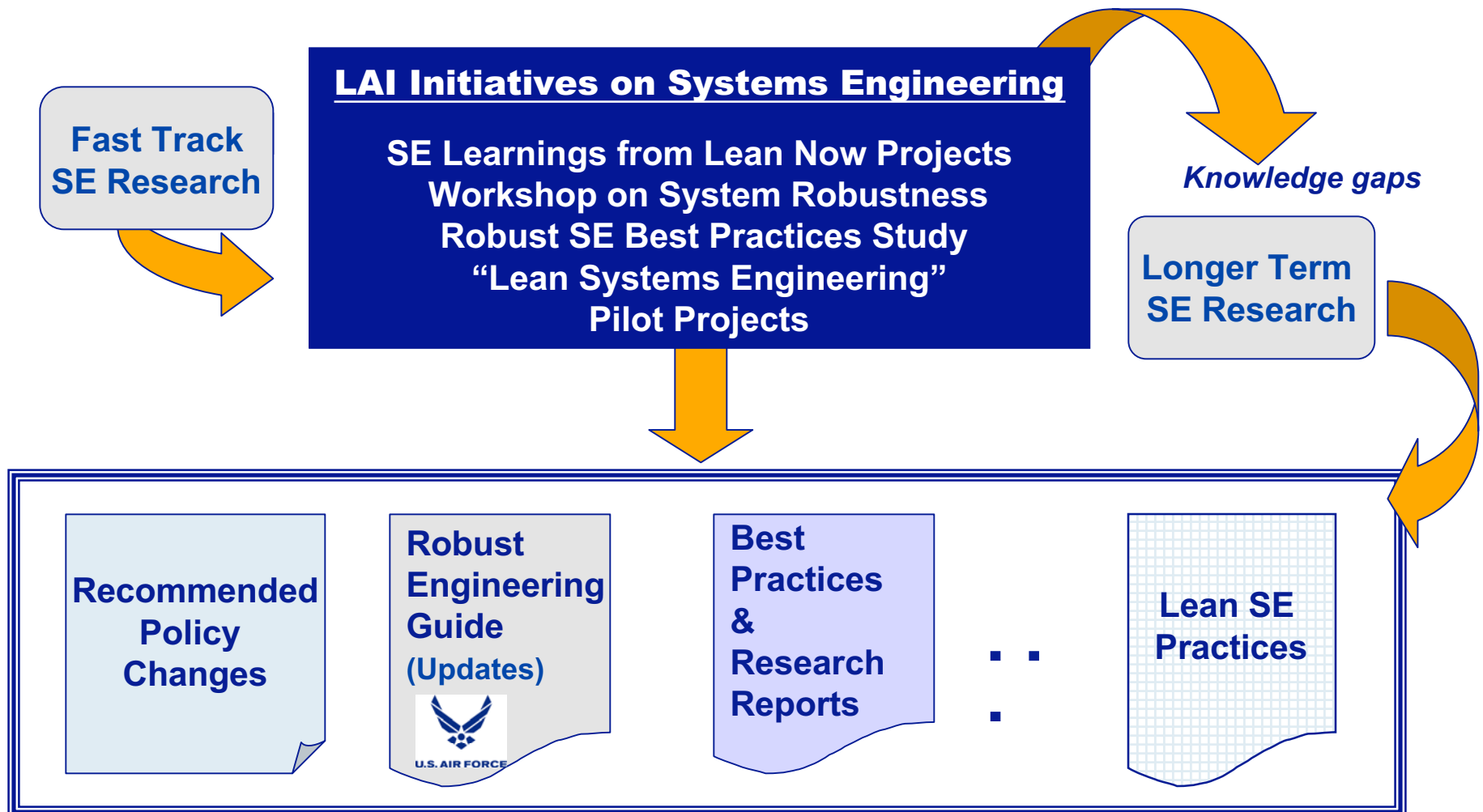


# Industry Perspectives

**Dennis Schwarz**  
**Boeing IDS**



# Q & A





## References

---

### **OuSD Policy for Systems Engineering in DoD**

<http://akss.dau.mil/docs/Approved%20SE%20Policy%20Memo-20Feb04-Wynne.pdf>

### **Air Force Policies for Systems Engineering**

<http://www.safaq.hq.af.mil/ACE/documents/04A-001SamburSEincrement2PolicyMemo.pdf>

[http://www.safaq.hq.af.mil/acq\\_pol/documents/03A-005IncentivizingSystemEngineering.pdf](http://www.safaq.hq.af.mil/acq_pol/documents/03A-005IncentivizingSystemEngineering.pdf)

### **Guidance for the use of Robust Engineering in Air Force Acquisition Programs**

[http://cse.afit.edu./SEGuide\\_6\\_Jan\\_2004.pdf](http://cse.afit.edu./SEGuide_6_Jan_2004.pdf)



# Closing Remarks