SATURN
SEI Software Architecture Technology
User Network

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Member of the Technical Staff, Product Line Systems

Software Engineering Institute
Carnegie Mellon University
Pittsburgh, PA 15213

The SEI is a federally funded research and development center sponsored by the U.S. Department of Defense.
Welcome

Applied R&D laboratory situated as a college-level unit at Carnegie Mellon University, Pittsburgh, PA, USA

Established in 1984

Technical staff of roughly 400

Offices in
• Pittsburgh, Pennsylvania USA
• Arlington, Virginia (USA)
• Frankfurt Germany

**Purpose:** Help others improve their software engineering practices
SEI’s Strategic Functions

- Transition
- Direct Support
- Identify and Mature Technology
- Apply
- Create

DoD needs ➔ Technology trends ➔ Identify and Mature Technology ➔ SEI’s experience ➔ User’s experience ➔ Amplify ➔ Transition

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SEI and the Community

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DEVELOPERS

ACQUIRERS

RESEARCHERS
SEI Technical Programs

Networked Systems Survivability
   CERT, Network Security

Software Engineering Process Management
   CMMI, PSP, TSP, Software Engineering Measurement and Analysis

Dynamic Systems
   Interoperability and Integration, Performance Critical Systems

Acquisition Support
   Acquisition guidance and support to government organizations

Product Line Systems
SATURN Goals

Share experiences using SEI software architecture technology.

Jointly discuss ideas, issues, and needs with regard to software architecture practices.

Grow a network of those interested in using and improving software architecture practices.
Highlights from SATURN 2005

- Peer Collaboration
- Shared understanding
- SEI technical staff presence
- Developing metrics that measure benefits
- Exploring case studies
- Learning what’s new in software architecture
- Agreeing that software architecture has reached the early majority

Workshop Agenda

Tuesday and Wednesday:
Keynotes:
Raytheon's Architecture Journey,
Rolf Siegers, Engineering Fellow and Chief Architect, GEC at Raytheon
Architecture Analysis Overview and Observations,
Don O'Connell, Software/Systems Architect, The Boeing Company

Invited talks and breakout discussion sessions

Tuesday evening: reception at 6:00pm
Join us for light refreshments
For More Information

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