Welcome to SATURN 2007
the Third
SEI Software Architecture Technology User Network Workshop

Software Engineering Institute

Established in 1984 as a federally funded research and development center operated by Carnegie Mellon University
Offices in 6 locations:
• Pittsburgh, PA;
• Colorado Springs, CO;
• Frankfurt, Germany;
• Huntsville, AL;
• Los Angeles, CA;
• Washington, DC
**SEI’s Strategic Functions**

The SEI advances software engineering and related disciplines to ensure the development and operation of systems with predictable and improved cost, schedule, and quality.

**SEI Technical Programs and Initiatives**

**Acquisition Support Program**

**Dynamic Systems Program**
- Integration of Software-Intensive Systems (ISIS)
- Performance-Critical Systems (PCS)

**Product Line Systems Program**
- Software Architecture Technology (SAT)
- Predictable Assembly from Certifiable Components (PACC)
- Product Line Practice (PLP)

**Software Engineering Process Management Program**
- Capability Maturity Model Integration (CMMI)
- Software Engineering Measurement and Analysis (SEMA)
- Team Software Process (TSP)

**Networked Systems Survivability Program**
- CERT Coordination Center
- Survivable Enterprise Management
- Survivable Systems Engineering
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  • Survivable Enterprise Management
  • Survivable Systems Engineering

SATURN Goals

Share experiences using SEI software architecture technology tools, methods, and practices.

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

Grow a network of those interested in using and improving software architecture practices.
Feedback from previous SATURN attendees

Peer collaboration
Exploring case studies
SEI technical staff presence
Developing metrics that measure benefits
Learning what is new in software architecture
Shared understanding of applying SEI software architecture methods
Opportunities to learn where people are actually struggling to find solutions to problems


Keynotes
• Tools for Making Better Architecture Decisions
  – Ian Gorton, Senior Research Scientist, Pacific Northwest National Laboratory (PNNL)
• An Architecture Journey
  – Jeromy Carrière, Vice President, Architecture at Fidelity Investments

Experience reports, SEI reports, panel on ATAM, break-out and discussion sessions
Tuesday, May 15 evening reception 5:00 – 7:00 PM