



**Carnegie Mellon**  
**Software Engineering Institute**

# **SATURN**

## **SEI Software Architecture Technology User Network**

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**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.**



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# Welcome

Welcome to the Second SEI Software Architecture  
Technology User Network Workshop (SATURN 2006).



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## Software Engineering Institute

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

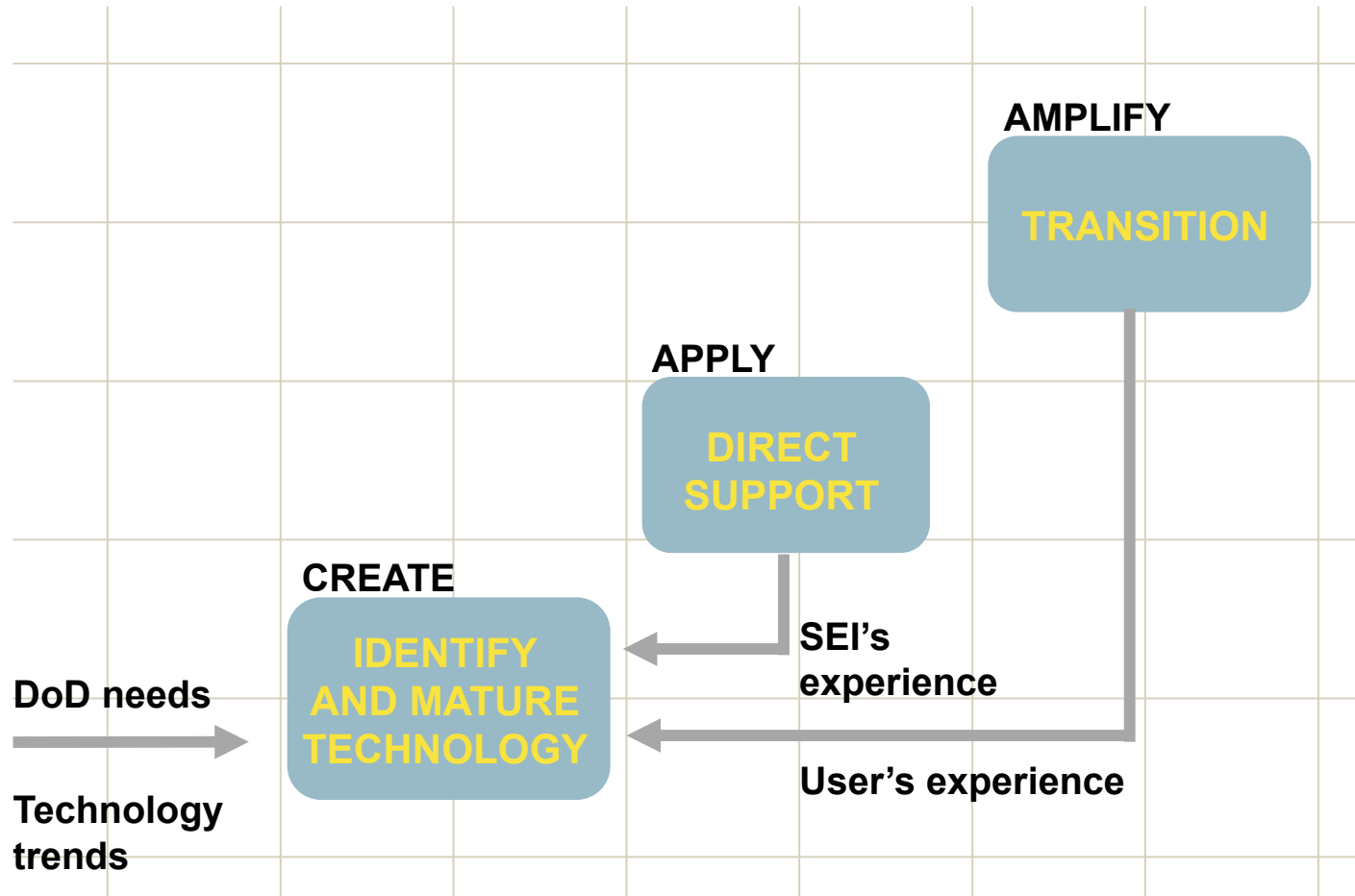
- Pittsburgh, Pennsylvania USA),
- Arlington, Virginia (USA)
- Frankfurt Germany

**Purpose:** Help others improve their software engineering practices



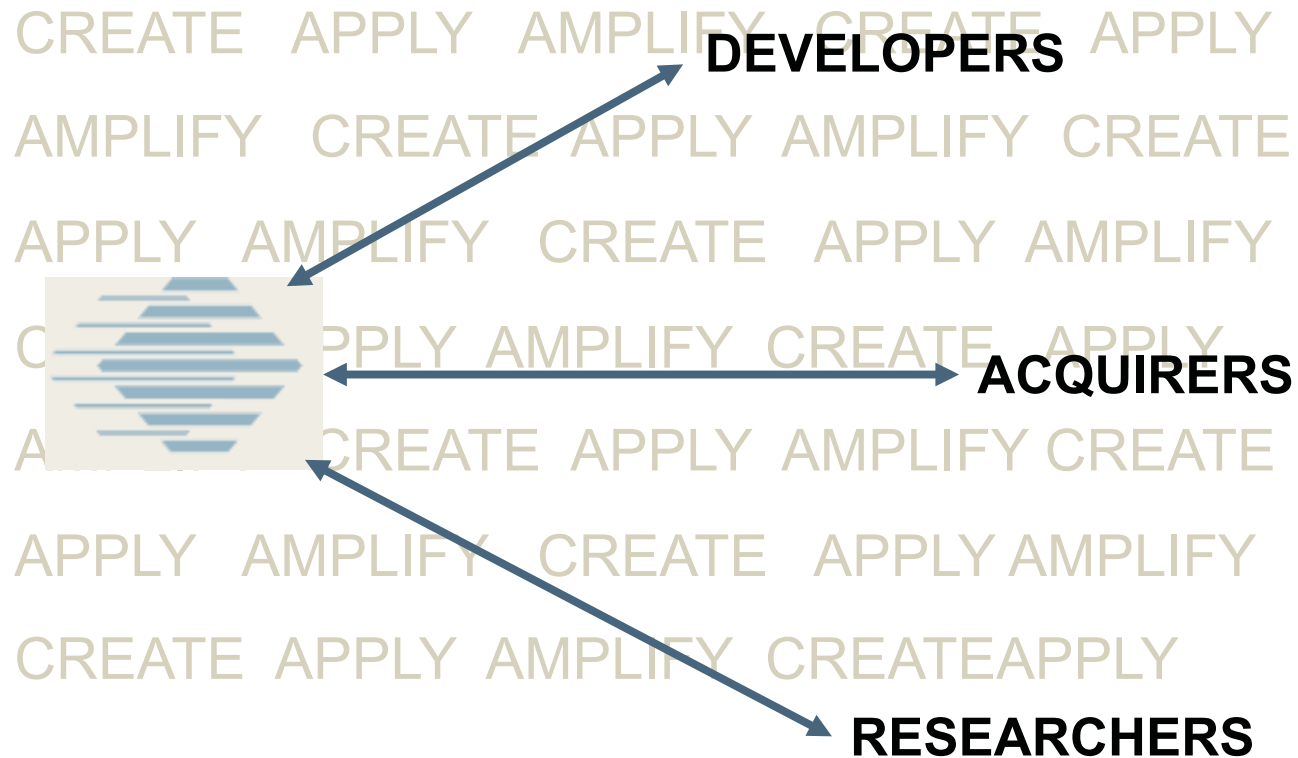


# SEI's Strategic Functions





# SEI and the Community





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## **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

For a full report, see: Proceedings of the First Software Architecture Technology User Network (SATURN) Workshop, SEI Technical Note, CMU/SEI-2005-TN-037, September 2005.





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## **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



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For More Information

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