# Software Engineering Institute | Carnegie Mellon University

# SEI BULLETIN

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## News: SATURN 2016 Draws Record Attendance

The Software Engineering Institute (SEI) hosted its twelfth annual SEI Architecture Technology User Network (SATURN) Conference on May 2 through May 5 in San Diego, California. The conference attracted the highest attendance in the history of the event, drawing attendees from 20 countries and 126 organizations. Participants shared ideas, insights, and experiences about effective software architecture practices for developing and maintaining software-intensive systems.

SATURN 2016
12th Annual Software
Engineering Institute (SEI)
Architecture Technology
User Network Conference

San Diego, CA
May 2–5, 2016

"I believe that one of SATURN's greatest strengths is a focus on architectural thinking, through the application of the latest tools," said attendee Patrick Kua, technical principle consultant for ThoughtWorks. "Unlike some other conferences, I felt like the program tried to assemble a good collection of experience reports and presentations that emphasized the architectural principles, rather than focusing on the current tools."

[Learn more about SATURN 2016](#).

Also in the news:

- [SEI Security Services Team Earns Defense Security Service Honor](#)
- [13th SEI Software Engineering Workshop for Educators Expands Scope](#)
- [CERT Guide to Insider Threats Named to Cybersecurity Canon](#)
- [Poort Named Winner of 2016 Linda Northrop Software Architecture Award](#)

## SEI Podcast Series: Evolving Air Force Intelligence with Agile Techniques

In the past decade, the U.S. Air Force has developed the Distributed Common Ground System (AF DCGS), the Air Force's primary weapon system for intelligence, surveillance, reconnaissance, planning, direction, collection, processing, exploitation, analysis, and dissemination. AF DCGS employs a global communications architecture that connects multiple intelligence platforms and sensors. In this podcast, Harry Levinson discusses the SEI's work with the Air Force to further evolve the AF DCGS using Agile techniques to facilitate more frequent and manageable capability delivery.

Harry Levinson

## CERT/CC Blog: Who Needs to Exploit Vulnerabilities When You Have Macros?

Recently, there has been a resurgence of malware that is spread via Microsoft Word macro capabilities. In 1999, CERT published an advisory about the Melissa virus, which leveraged macros to spread. CERT also published an FAQ about the Melissa virus that suggested disabling macros in Microsoft Office products.

In this CERT/CC Blog post, Will Dormann asks, "Why is everything old new again?" To answer this question, Dormann examines the reliability of the exploit and how the user interface of Microsoft Office is also to blame.

Read the post.

Will Dormann

## Events: 13th SEI Software Engineering Workshop for Educators

Building on the twelve-year success of the Architecture-Centric Engineering Workshops for Educators (ACE), the SEI will this year expand the workshop's scope to embrace the entire field of software engineering. To reflect this growth, the event is now called the SEI Software Engineering Workshop for Educators. The SEI will host the workshop from August 2 through 4, 2016, at its Pittsburgh, Pennsylvania, headquarters. The workshop fosters an exchange of ideas among educators whose curricula include subjects spanning software engineering. The three-day workshop will feature two days of SEI courses.

**JOIN US!**
Educators Workshop
Pittsburgh, PA
August 2-4, 2016

This year's courses cover big data and service-oriented architecture design.
Day 3 is devoted to invited talks and group sessions, facilitated by SEI team members, where participants share experiences, ideas, and tangible artifacts for introducing software engineering topics into the college curriculum.

The workshop is open to any accredited, college-level educator. In lieu of an entry fee, attendees are expected to bring a shareable artifact to the workshop.

Learn more about the 13th SEI Software Engineering Workshop for Educators and register.

## SEI Jobs

The SEI is a great place to pursue your passion. Headquartered in Pittsburgh, Pa., the SEI also has offices in the Washington, DC, and Los Angeles, Calif., metropolitan areas.

**Interested in working for the SEI?**
Below are a few recent employment opportunities. For more job listings and full position descriptions, check out the SEI Careers page.

Information Assurance Coordinator
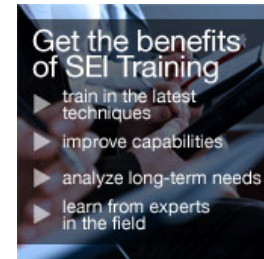
Data Integration Analyst

## Training Opportunities

**Upcoming Classes:**

**July 20 - 21, 2016 (Pittsburgh, Pa.)**
Design Guidelines and Patterns for Modern SOA

**August 16 - 18, 2016 (Pittsburgh, Pa.)**
Leading a Development Team

**2016 Course Schedule**
All 2016 Courses

### Software Engineering Institute, Carnegie Mellon University
### 1-888-201-4479

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**About the SEI Bulletin**
The SEI Bulletin is a biweekly newsletter designed to keep you up to date on SEI news, events, research, and other matters of interest to the SEI community. We hope you find the SEI Bulletin useful and informative.

**Send Us Your Story**
Do you have a story about how an SEI technology has positively affected your team or organization? If so, the SEI would like to hear about it. Send a short summary of your success to info@sei.cmu.edu and you could be featured in a future issue of the SEI Bulletin.