



# SEI BULLETIN

May 4, 2016 |     | [Careers @ SEI](#)

## In This Issue

- [13th SEI Software Engineering Workshop for Educators Expands Scope](#)
- [SEI Podcast Series: Open Systems Architecture: When and Where to Be Closed](#)
- [SEI Blog: Is Your Organization Ready for Agile](#)
- [Events: Agile in Government Summit 2016](#)
- [SEI Jobs](#)
- [Training Opportunities](#)

## News: 13th SEI Software Engineering Workshop for Educators Expands Scope

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 to 4, 2016, at its Pittsburgh, Pennsylvania, headquarters. The workshop fosters an exchange of ideas among educators whose curricula include the subjects spanning software engineering.



[Learn more about the workshop.](#)

Also in the news:

- [CERT Guide to Insider Threats Named to Cybersecurity Canon](#)
- [Poort Named Winner of 2016 Linda Northrop Software Architecture Award](#)
- [SEI Teams with \(ISC\)2 to Host High School Cybersecurity Competition](#)
- [SEI Staff Members Named Fellows of ASQ](#)

## SEI Podcast Series: Open Systems Architectures: When and Where to Be Closed

Department of Defense (DoD) systems today are highly capable and complex. However, they also face increasing scale, computation, and security challenges. Compounding these challenges, DoD systems were historically designed using stove-piped architectures that lock the government into a small number of system integrators, each devising proprietary point solutions that are expensive to develop and sustain over the lifecycle. Although these stove-piped solutions have been problematic (and unsustainable) for years, the budget cuts occurring under sequestration are motivating the DoD to reinvigorate its focus on identifying alternative means to drive down costs, create more affordable acquisition choices, and improve acquisition program performance. A promising approach to meet these goals is open systems architecture (OSA).



Don Firesmith

In this podcast, Don Firesmith discusses how acquisition professionals and system integrators can apply OSA practices to effectively decompose large monolithic business and technical architectures

into manageable and modular solutions that can integrate innovation more rapidly and lower total ownership costs.

[Listen to or view the podcast.](#)

## SEI Blog: Is Your Organization Ready for Agile?

Organizations and federal agencies seeking to adopt Agile often struggle because they do not understand the adoption risks involved when contemplating the use of Agile approaches. This ongoing series on Readiness and Fit Analysis (RFA) focuses on helping federal agencies, such as the Department of Defense, the Internal Revenue Service, the Food and Drug Administration, and other organizations in regulated settings, understand the risks involved when contemplating or embarking on a new approach to developing or acquiring software.



Suzanne Miller

In this blog post, the seventh in a series, the SEI's Suzanne Miller explores issues related to the technology environment that organizations should consider when adopting Agile approaches.

[Read the post.](#)

## Events: Agile in Government Summit 2016

The SEI is cosponsoring the Association for Enterprise Information Agile in Government Summit 2016, to be held May 10-11, 2016, in Washington, DC. The summit will focus entirely on adoption of Agile principles by government programs, agencies, and teams. Leading industry experts and government officials will address

- what Agile techniques are working best
- where Agile and DevOps are best applied
- why Agile requires discipline, skill and training
- how Agile benefits agency performance and mission



Registration now open.

[Learn how you can participate.](#)

## 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](#).



[Systems Engineer](#)

[User Services Consultant](#)

[Associate Cybersecurity Researcher](#)

[Program Business Development Manager](#)

[Senior Accountant](#)

[Cyber Security Engineer - Penetration Tester](#)

[Machine Learning Research Scientist](#)

[Information Security Analyst](#)

[More job listings...](#)

## Training Opportunities

### Upcoming Classes:

**May 24, 2016 (Virtual Classroom)**

[Secure DevOps Process and Implementation](#)

**June 21 - 22, 2016 (Arlington, Va.)**

[Measuring What Matters: Security Metrics Workshop](#)



### 2016 Course Schedule

[All 2016 Courses](#)

**Software Engineering Institute, Carnegie Mellon University**

1-888-201-4479

[Join Our Mailing List!](#)

### 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](mailto:info@sei.cmu.edu) and you could be featured in a future issue of the SEI Bulletin.