Software Engineering Institute | Carnegie Mellon University

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. Because of your past participation as an SEI member, you have been automatically subscribed to receive the *SEI Bulletin*. Should you not wish to continue receiving the *Bulletin*, you may unsubscribe with [SafeUnsubscribe.](#) 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*.

In This Issue

- [Educators Gather at SEI for 11th Annual ACE Workshop](#)
- [SEI Podcast Series: Applying Agile in the DoD: Seventh Principle](#)
- [SEI Blog: systems Engineering in Defense and Non-Defense Industries](#)
- [TSP Symposium 2014](#)
- [FloCon2015](#)
- [SEI Jobs](#)
- [Training Opportunities](#)

News: Educators Gather at SEI for 11th Annual ACE Workshop

Software engineering educators gathered from August 4-6, 2014 at the SEI's Pittsburgh headquarters for the 11th annual [Architecture-Centric Engineering (ACE) Workshop for Educators](#). The SEI hosts this event to foster an ongoing exchange of ideas among educators whose curricula include the subjects of software architecture and software product lines. This year the SEI course [Advanced Software Architecture Workshop](#) anchored the program.

[Read more about the 2014 ACE Workshop](#).

2014 ACE Workshop
Participants

Also in the news:

- [SEI Hosts Cybersecurity Address by DOJ's John P. Carlin](#)
- [Agile Collaboration Group Spurs Knowledge Sharing](#)
- [Insider Threat Center to Offer New Insider Threat Program Manager Certificate](#)
- [2013 SEI Year in Review Available for Download](#)
- [CERT Guide to Insider Threat Named a Must-Read Cybersecurity Book](#)

SEI Podcast Series: Applying Agile in the DoD: Seventh Principle

In this episode, the seventh in a series by Suzanne Miller and Mary Ann Lapham exploring the application of Agile principles in the Department of Defense, the two researchers discuss the application of the seventh principle: Working software is the primary measure of progress.

Listen to the podcast.

Mary Ann Lapham (top) and Suzanne Miller

SEI Blog: Systems Engineering in Defense and Non-Defense Industries

In today's systems, it's very hard to know where systems end and software begins. Software performs an integrating function in many systems, often serving as the glue interconnecting other system elements. We also find that many of the problems in software systems have their roots in systems engineering, which is an interdisciplinary field that focuses on how to design and manage complex systems over their life cycles. For that reason, staff at the SEI often conduct research in the systems engineering realm. Process frameworks, architecture development and evaluation methods, and metrics developed for software are routinely adapted and applied to systems. Better systems engineering supports better software development, and both support better acquisition project performance.

Joseph Elm

This blog post, the latest in a series on this research, analyzes project performance based on systems engineering activities in the defense and non-defense industries.

Events: TSP Symposium 2014

The Team Software Process (TSP) Symposium will be held in Pittsburgh, Pennsylvania, November 3-6, 2014.

The TSP Symposium 2014 technical program will go beyond the core methodology of TSP to encompass a broader range of complementary practices that contribute to peak performance on system and software projects. The unifying theme of the conference is quality. Ultimately, a quality product and service must be delivered on time and within budget, be secure, be sustainable, and provide value to end users.

TSP Symposium 2014 will offer 40-minute experience-report presentations, 90-minute participatory sessions, and full-day and half-day tutorials.

In addition to sessions covering the core methodology of TSP, this year the symposium will also address other aspects of long-term sustainable achievement. Specific topics related to software quality may include the following:

- Overcoming obstacles in introducing TSP
- Disciplined measurement practices
- Culture change
- The executive view
- Architecture
- Agile practices
- Testing
- Security
- Personal Software Process (PSP) and TSP in academics

For more information and to register, please visit www.sei.cmu.edu/tspsymposium/2014/.

Events: FloCon 2015

FloCon 2015, the annual network security conference hosted by the SEI's CERT Division, will take place in Portland, Oregon, on January 12-15, 2015, at the Hilton Portland & Executive Tower.
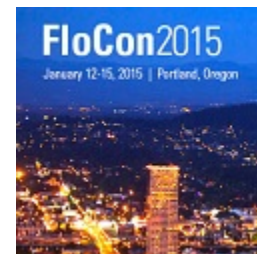
Interested participants are invited to submit abstracts for presentations, posters, and demonstrations pertinent to this year's conference theme, "Formalizing the Art." Submissions should address the art of network analysis and methods for making it more formal, rigorous, reliable, well grounded, or repeatable. In particular, the FloCon committee encourages submissions related to academic advances in novel analytics, operationalization, and automation of well-known techniques.

For more information and to register, please visit www.cert.org/flocon/.

SEI Job Listings

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

Capability Team Analyst

Senior Cyber Security Engineer

More job listings...

Training

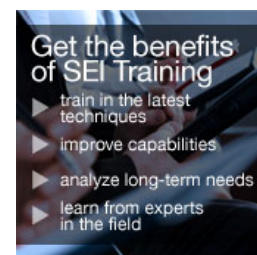**Upcoming Classes:**

October 6-10, 2014 (Pittsburgh, PA):
Modeling System Architectures Using the Architecture Analysis and Design Language

October 7-9, 2014 (Arlington, VA):
Assessing Information Security Risk Using the OCTAVE Approach

SEI eLearning Course:

Data Rights and DoD Acquisition

New Registration Portal
SEI Training has recently upgraded to a robust registration portal. The new portal provides simple and secure online access to course registration payments, a purchase history, confirmation letters, and receipts.

To view a video demo of the new SEI Registration Portal, please visit:
http://www.sei.cmu.edu/training/registration/

More SEI training opportunities...

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

Join Our Mailing List!

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? Visit our Careers page.