



July 30, 2014 |     | [Careers @ SEI](#)

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

#### In This Issue

- [SEI Fellow Linda Northrop and SEI Honored at ICSE Conference](#)
- [SEI Podcast Series: AADL and Edgewater](#)
- [SEI Blog: HTML5 for Mobile Software Applications at the Tactical Edge](#)
- [TSP Symposium 2014](#)
- [FloCon2015](#)
- [SEI Jobs](#)
- [Training Opportunities](#)

### News: SEI Fellow Linda Northrop and SEI Honored at ICSE Conference

In June, software engineering professionals from around the world convened in Hyderabad, India, for the 36<sup>th</sup> International Conference on Software Engineering (ICSE). In an awards ceremony conducted during the event, the IEEE Computer Society [Technical Council on Software Engineering](#) (TCSE) honored SEI Fellow [Linda Northrop](#) with its Distinguished Service Award. The technical council also honored the contributions of the entire SEI by presenting it the inaugural Software Engineering Distinguished Synergy Award.



Linda Northrop

[Learn more about why the IEEE selected Northrop and the SEI for these honors.](#)

Also in the news:

- [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: AADL and Edgewater

In 2013, the AADL Standards meeting was held at SEI headquarters in Pittsburgh, Pa. The SEI Podcast Series team was there, and we interviewed several members of the AADL Standards Committee. This podcast is the third in a series based on these interviews. It features the SEI's Peter Feiler and Serban Gheorghe, vice president of technology at Edgewater Computer Systems, Inc.

[Listen to the podcast.](#)



Peter Feiler (top) and  
Serban Gheorghe

## SEI Blog: HTML5 for Mobile Software Applications at the Edge

Many warfighters and first responders operate at what we call "the tactical edge," where users are constrained by limited communication connectivity, storage availability, processing power, and battery life. In these environments, onboard sensors are used to capture data on behalf of mobile applications to perform tasks such as face recognition, speech recognition, natural language translation, and situational awareness. These applications then rely on network interfaces to send the data to nearby servers or the cloud if local processing resources are inadequate. While software developers have traditionally used [native mobile](#) technologies to develop these applications, the approach has some drawbacks, such as limited portability. In contrast, [HTML5 has been touted for its portability across mobile device platforms](#), as well an ability to access functionality without having to download and install applications.



Grace Lewis

[In this blog post, the SEI's Grace Lewis describes research aimed at evaluating the feasibility of using HTML5 to develop applications that can meet tactical edge requirements.](#)

## 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:

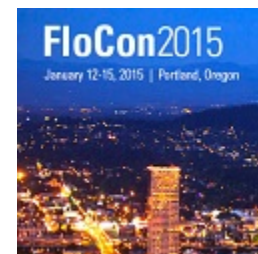
- Overcoming obstacles in introducing TSP
- Disciplined measurement practices
- Culture change
- The executive view
- Architecture
- Agile practices
- Testing
- Security
- Personal Software Process (PSP) and TSP in academics

For more information and to register, please visit [www.sei.cmu.edu/tsp\\_symposium/2014/](http://www.sei.cmu.edu/tsp_symposium/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/](http://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](#).

[Cyber Security Engineer - Exercise Developer](#)

[Project Manager](#)

[More job listings...](#)



## Training

### Upcoming Classes:

**September 8-12, 2014 (Arlington, VA):**

[Information Security for Technical Staff](#)

**September 16-17, 2014 (Pittsburgh, PA):**

[Software Architecture: Principles and Practices](#)

### SEI eLearning Course:

[Data Rights and DoD Acquisition](#)

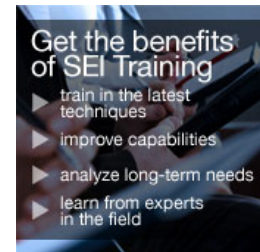
### New Registration Portal

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**

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