



July 16, 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 and you could be featured in a future issue of the *SEI Bulletin*.

In This Issue

- [SEI Launches New Cross-Sector Group to Advance the Practice of Cyber Intelligence](#)
- [SEI Podcast Series: Security and Wireless Emergency Alerts](#)
- [SEI Blog: Four Principles of Engineering Scalable, Big Data Software System](#)
- [TSP Symposium 2014](#)
- [FloCon2015](#)
- [SEI Jobs](#)
- [Training Opportunities](#)

News: SEI Launches New Cross-Sector Group to Advance the Practice of Cyber Intelligence

Sound cyber-intelligence practices can help organizations prevent or mitigate major security breaches. This is why the SEI's [Emerging Technology Center](#) has been conducting research on methodologies, processes, technology, and training to help organizations understand what it means to perform this work. To spur further development and advance understanding in this important area, the Software Engineering Institute has launched the [Cyber Intelligence Research Consortium](#), a group that aims to help organizations make better judgments and quicker decisions related to cyber intelligence.



[Learn more about this new consortium.](#)

Also in the news:

- [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 Director Nielsen Selected for PBT Diamond Award](#)

SEI Podcast Series: Security and Wireless Emergency Alerts

The Wireless Emergency Alerts (WEA) service depends on information technology (IT)--computer systems and networks--to convey potentially life-saving information to the public in a timely manner. However, like other cyber-enabled services, the WEA service is susceptible to risks that may enable an attacker to disseminate unauthorized alerts or to delay, modify, or destroy valid alerts. Successful attacks on the alerting process may result in property destruction, financial loss, infrastructure disruption, injury, or death. Such attacks may damage WEA's credibility to the extent that users ignore future alerts or disable alerting on their mobile devices.

In this podcast, Carol Woody and Christopher Alberts discuss guidelines that they developed to ensure that the WEA service remains robust and resilient against cyber attacks.

[Listen to the podcast.](#)



Christopher Alberts
(top) and Carol Woody

SEI Blog: Four Principles of Engineering Scalable, Big Data Software System

In this post, the SEI's Ian Gorton describes four general principles that hold for any scalable, big data system. These principles can help architects continually validate major design decisions across development iterations, and hence provide a guide through the complex collection of design trade-offs all big data systems require.

[Learn how these principles can help you engineer your big data system.](#)



Ian Gorton

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

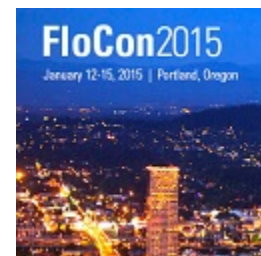
For more information and to register, please visit www.sei.cmu.edu/tpsymposium/2014/.

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](#).

[Project Manager](#)

[Chief Scientist: Emerging Technology Center](#)

[More job listings...](#)



Training

Upcoming Classes:

August 13-14, 2014 (Pittsburgh, PA):

[Software Product Lines](#)

August 18-22, 2014 (Pittsburgh, PA):

[Advanced Incident Handling](#)

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

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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](#).