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News: Nominations Open for Linda M. Northrop Software Architecture Award

The SEI has opened the nomination period for the Linda M. Northrop Software Architecture Award. This honor recognizes an individual or team using software architecture-centric engineering to improve organizational practices or software development. The award will be presented at the 2016 SEI Architecture Technology User Network ([SATURN](#)) Conference, which will convene May 2-5, 2016, in San Diego, California.



Linda M. Northrop

The winning entry will be selected based on the following criteria:

- **Architecture-Centric Practices:** Application of architecture-centric practices leading to successful development and launch of a product or system
- **Leadership:** Leadership in motivating others in an organization or in the community to adopt an innovative architecture-centric practice
- **Persistent Change:** Product or innovative architecture-centric practice that produced a persistent change in behavior and results
- **Perspective:** Emergence of a new or different perspective on architecture-centric engineering

[Find out more about the Linda M. Northrop Software Architecture Award and learn how you can submit a nomination.](#)

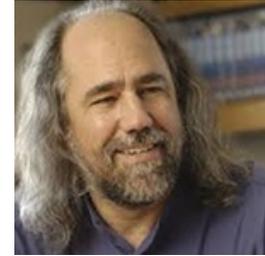
Also in the news:

- [2016 TSP Symposium Eyes "Going Beyond Agile"](#)
- [Ridge, Hickton to Speak at Inaugural Cyburgh, PA Initiative Event](#)
- [SEI's Kevin Fall Named ACM Fellow](#)

- [SEI Cybersecurity Expert Joins White House Office of Science and Technology Policy](#)
- [Software Solutions Conference Keynote Speakers Announced](#)
- [SEI Contract Renewed by Department of Defense for \\$1.73 Billion](#)

SEI Podcast Series: An Interview with Grady Booch

Grady Booch, who will keynote the [2016 SATURN Conference](#) in San Diego, California, recently delivered a presentation as part of the SEI's CTO Distinguished Speaker Series where he discussed his perspectives on the biggest challenges for the future of software engineering. During his visit to the SEI, he sat down for an interview with SEI Fellow Nancy Mead for the SEI Podcast Series.



Grady Booch

Grady Booch is one of the original authors of the Unified Modeling Language. He is recognized internationally for his innovative work on software architecture, software engineering, and modeling. He was chief scientist of Rational Software Corporation from its founding in 1981 until it became part of IBM. Booch is an IBM Fellow and chief scientist for software engineering at IBM. He has been involved in the cognitive systems strategy, including work with IBM's Watson Project.

[Listen to the podcast.](#)

SEI Blog: Adding Security to Your DevOps Pipeline

DevOps practitioners often omit security testing when building their DevOps pipelines because security is often linked with slow-moving business units and outdated policies. These characteristics conflict with the overall goal of DevOps, which is to improve the software delivery process. However, security plays an important role in the software development lifecycle and must be addressed in all applications. Incorporating security into different stages of the DevOps pipeline will not only start to automate security but also allow your security process to become traceable and easily repeatable. For instance, static code analysis could be done on each code commit, and penetration testing could be completed as part of the deployment phase.



Kiriakos Kontostathis

In this blog post, Kiriakos Kontostathis of the CERT Secure Lifecycle Solutions Team presents two common tools that can be used during deployment that allow for automated security tests: Gauntlt and OWASP Zed Attack Proxy (ZAP).

[Read the post](#)

Events: SEI Architecture Technology User Network (SATURN) Conference Registration Now Open

SATURN is designed for practitioners who are responsible for producing robust software architectures and those who view software architecture as a critical element of achieving their business goals.

As the premier architecture conference for senior engineers, SATURN has

traditionally offered keynotes and sessions on both essential skills and cutting-edge methods for software architects. SATURN 2016 will continue this tradition with talks covering topics of strong foundations in software architecture as well as software craftsmanship for those pushing the state of the art in this field.

This year's keynote speakers are

- **Grady Booch**, IBM Fellow and Chief Scientist at IBM/Watson
- **Daniel Jackson**, Professor at MIT Computer Science and Artificial Intelligence Laboratory
- **Joe Salvo**, Director of GE Global Research



Registration for SATURN 2016 is now open. To learn more and to register, please visit www.sei.cmu.edu/saturn/2016/index.cfm.

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](#).

[Cybersecurity Engineer - Exercise Developer](#)

[Machine Learning Research Scientist](#)

[Network Security Engineer](#)

[Information Security Analyst](#)

[Windows System Administrator](#)

[Computer Security Information Analyst](#)

[Cybersecurity Community Developer](#)

[Program Development Manager, Government Program Development](#)

[More job listings...](#)

Training

Upcoming Classes:

February 17 - 18, 2016 (Pittsburgh, Pa.)

[Software Architecture Design and Analysis](#)

March 7 - 11, 2016 (Pittsburgh, Pa.)

[Personal Software Process \(PSP\) Fundamentals](#)



2016 Course Schedule

[January-June course offerings](#)

Registration Portal

SEI Training has a robust registration portal that provides simple and secure online access to course registration payments, a purchase history, confirmation letters, and receipts.

To view a video demo of the SEI Registration Portal, please visit

<http://www.sei.cmu.edu/training/registration/>

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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.