



February 24, 2016 |     | [Careers @ SEI](#)

In This Issue

- [12th SATURN Technical Program Explores Cutting-Edge Methods and Essential Skills for Software Architects](#)
- [SEI Podcast Series: Is Java More Secure Than C?](#)
- [SEI Blog: Structuring the Chief Information Security Officer \(CISO\) Organization](#)
- [Events: SEI Architecture Technology User Network \(SATURN\) Conference Registration Open](#)
- [SEI Jobs](#)
- [Training Opportunities](#)

News: 12th SATURN Technical Program Explores Cutting-Edge Methods and Essential Skills for Software Architects

The technical program for SATURN 2016, the 12th annual SEI Architecture Technology User Network Conference, is now complete, and registration is open. SATURN 2016 will be held May 2 to 5 at the Sheraton San Diego Hotel & Marina in San Diego, California. As the premier software architecture conference for senior engineers, SATURN offers keynotes and sessions on both essential skills and cutting-edge methods for software architects.

Program highlights include

- a keynote address from Grady Booch, IBM Fellow and chief scientist at IBM/Watson
- talks and sessions led by luminaries in the field of software architecture
- a track dedicated to the Internet of Things (IoT)
- three one-day SEI courses on DevOps, technical debt, and service-oriented architecture offered on Monday, May 2
- presentation of the inaugural Linda M. Northrop Software Architecture Award
- social events, workshops, and opportunities to network with industry leaders, SATURN speakers, and experienced innovators in the field of software architecture

[Learn more and register.](#)

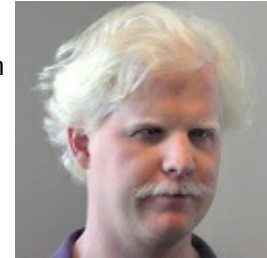
Also in the news:



- [More Than 200 Thought Leaders Convene to Spur Pittsburgh's Role as Center for Cybersecurity Innovation](#)
- [Nominations Open for Linda M. Northrop Software Architecture Award](#)
- [SEI's Kevin Fall Named ACM Fellow](#)
- [SEI Cybersecurity Expert Joins White House Office of Science and Technology Policy](#)

SEI Podcast Series: Is Java More Secure Than C?

Whether Java is more secure than C is a simple question to ask, but a hard question to answer well. When researchers on the CERT Secure Coding Team began writing the *CERT Oracle Coding Standard for Java*, they thought that Java would require fewer secure coding rules than the *CERT C Coding Standard* because Java was designed with security in mind. They also assumed that a more secure language would need fewer rules than a less secure one. However, Java has 168 coding rules compared to just 116 for C. Why? Are there problems with our C or Java rules, or are Java programs, on average, just as susceptible to vulnerabilities as C programs? In this podcast, CERT researcher David Svoboda analyzes secure coding rules for both C and Java to determine if they indeed refute the conventional wisdom that Java is more secure than C.

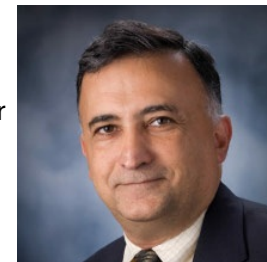


David Svoboda

[Listen to the podcast.](#)

SEI Blog: Structuring the Chief Information Security Officer (CISO) Organization

Most organizations, no matter the size or operational environment, employ a senior leader responsible for information security and cybersecurity. In many organizations, this role is known as chief information security officer (CISO) or director of information security. CISOs and others in this position increasingly find that traditional information security strategies and functions are no longer adequate for dealing with today's expanding and dynamic cyber-risk environment.



Nader Mehravari

In this blog post, Nader Mehravari presents recent SEI research on this topic, including a CISO framework for a large, diverse, U.S. national organization. This framework is the product of interviews with CISOs and an examination of policies, frameworks, maturity models, standards, codes of practice, and lessons learned from cybersecurity incidents.

[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 of Computer Science, MacVicar teaching fellow, and Associate Director of the Computer Science and Artificial Intelligence Laboratory at MIT
- **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.

The SATURN [Linda M. Northrop Software Architecture Award](#) is given to an individual or team that has used architecture-centric engineering to significantly improve practices in an organization or in the software development community. The Call for Nominations is open until February 29.

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](#).



[Integrated Marketing Campaign Developer](#)

[Senior Technical Writer and Content Strategist](#)

[Machine Learning Research Scientist](#)

[Information Security Analyst](#)

[Windows System Administrator](#)

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

[More job listings...](#)

Training

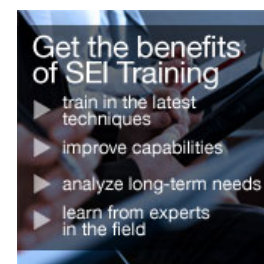
Upcoming Classes:

April 5 - 7, 2016 (Arlington, Va.)

[Assessing Information Security Risk Using the OCTAVE Approach](#)

April 11 - 15, 2016 (Pittsburgh, Pa.)

[Modeling System Architectures Using the Architecture Analysis and Design Language \(AADL\)](#)



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/>

[More SEI training opportunities...](#)

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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.