

SEI Bulletin

Trouble reading this email? [View in browser.](#)



2022 Research Review to Show the SEI Forging the Path

October 26, 2022—The SEI will showcase its latest work in the 2022 Research Review. Registration is open for the free, virtual event, which takes place November 14-16.

This year's theme, "Forging the Path," highlights how the SEI's work has helped software transform the Department of Defense (DoD) mission and advanced the state of the art. Presentations and panels will cover model-based systems engineering; DevSecOps; automated design conformance; the integration of software, cybersecurity, and AI; AI network defense; gamification in the federal workforce; identifying threats in and assuring DevSecOps pipelines; and the Acquisition Security Framework.

[Read more »](#)

[Register for the 2022 Research Review »](#)



SEI News

[2022 Research Review to Show the SEI Forging the Path](#)

The SEI will showcase its latest work November 14-16 in the seventh annual Research Review.

[FloCon 2023 Registration Opens for January In-Person Event](#)

FloCon 2023's academic, industrial, and government speakers on using data to defend enterprise networks will gather in Santa Fe, New Mexico.

[SEI Webcasts Support Cybersecurity Awareness Month](#)

Experts on ransomware, Agile methods, and the cyber workforce will spread the word with three free online talks.

[**See more news »**](#)



[**Latest Blogs**](#)

[A Technical DevSecOps Adoption Framework](#)

Vanessa Jackson and Lyndsi Hughes describe the new DevSecOps adoption framework that guides the planning and implementation of a roadmap to functional continuous-integration/continuous-delivery pipeline capabilities.

[An Acquisition Security Framework for Supply Chain Risk Management](#)

Carol Woody introduces the Acquisition Security Framework (ASF), which helps organizations identify the critical touchpoints needed for effective supply chain risk management.

[**See more blogs »**](#)



[**Latest Podcasts**](#)

[Software Architecture Patterns for Robustness](#)

Rick Kazman discusses software architecture patterns and the effect that certain architectural patterns have on quality attributes, such as availability and robustness.

[A Platform-Independent Model for DevSecOps](#)

Tim Chick and Joe Yankel present a DevSecOps Platform-Independent Model that uses model-based systems engineering to formalize the practices of DevSecOps pipelines and organize relevant guidance.

[**See more podcasts »**](#)



[**Latest Publications**](#)

[Challenge Development Guidelines for Cybersecurity Competitions](#)

This report draws on the SEI's experience to provide general-purpose guidelines and best practices for developing effective cybersecurity challenges.

[DevSecOps Days Washington, D.C. 2022](#)

This collection captures presentations from DevSecOps Days Washington, D.C., held October 12.

[**See more publications »**](#)



[**Latest Videos**](#)

[Ransomware: Defense and Resilience Strategies](#)

Brett Tucker discusses a novel means for assessing an organization to determine its susceptibility to ransomware.

[Using Open Source to Shrink the Cyber Workforce Gap](#)

Matt Kaar and Jarrett Booz discuss open source initiatives that bring innovative ideas to cybersecurity modeling and simulation.

[Exploring an AI Engineering Body of Knowledge](#)

Carol Smith, Carrie Gardner, and Michael Mattarock discuss maturing artificial intelligence (AI) practices based on the current body of knowledge from the AI Division.



Upcoming Events

Webcast - [Applying the Principles of Agile to Strengthen the Federal Cyber Workforce](#), October 27

Josh Hammerstein discusses how to use principles and concepts from Agile development to help cyber workforce development initiatives remain adaptable.

Webcast - [Infrastructure as Code Through Ansible](#), November 2

In this webcast, Matthew Heckathorn will discuss how Infrastructure as code (IaC) is a concept that enables organizations to automate the provisioning of IT infrastructure.

Conference - [FloCon 2023](#), January 9-12, 2023

The SEI's conference on using data to defend enterprise networks returns in person.

[See more events »](#)



Upcoming Training

[Insider Threat Program Evaluator](#)

November 15-17, 2022 (SEI, Live Online)

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

December 13-15, 2022 (SEI, Live Online)

[See more courses »](#)



Employment Opportunities

[DevOps Engineer](#)

[Senior Assurance Researcher](#)

[Security Researcher](#)

[All current opportunities »](#)

Carnegie Mellon University
Software Engineering Institute



Copyright © 2022 Carnegie Mellon University Software Engineering Institute, All rights reserved.

Want to subscribe or change how you receive these emails?
You can [subscribe](#), [update your preferences](#) or [unsubscribe from this list](#).