

SEI Bulletin

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2023 SEI Research Review Cultivates Curiosity

November 8, 2023—The SEI's 2023 Research Review will showcase the most innovative SEI research and development projects from the past year. The Research Review will be held as a [live webcast](#) today, November 8, from 1-4 p.m. EST.

Panels of SEI researchers will discuss their projects and answer viewer questions. Viewers are encouraged to watch the [pre-recorded project videos](#) and [submit questions](#) for the researchers.

This year's theme, "Cultivating curiosity," highlights the spirit of inquiry driving SEI researchers to ask questions, evaluate existing practices, and seek creative approaches to addressing the most pressing software, cybersecurity, and artificial intelligence (AI) challenges.

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[2023 SEI Research Review Cultivates Curiosity](#)

The free, virtual event will highlight SEI researchers' creative approaches to addressing the most pressing software, cybersecurity, and AI challenges.

[Generative AI Presents Key Opportunities and Challenges for Defense Department](#)

The stakes are high for adopting generative AI in national defense, according to a cross-domain group convened by the SEI and DoD.

[**See more news »**](#)



[The SEI SBOM Framework: Informing Third-Party Software Management in Your Supply Chain](#)

This post presents a framework to promote the use of software bills of materials (SBOMs) and establish practices and processes that organizations can leverage as they build their programs.

[Dealing with Noisy Behavioral Analytics in Detection Engineering](#)

Sean Hutchison discusses a process for tuning and related work to make behavioral analytics more viable in your environment, without sacrificing analytic coverage.

[**See more blogs »**](#)



[Measuring the Trustworthiness of AI Systems](#)

Carol Smith, Katie Robinson, and Alex Steiner discuss how to measure the trustworthiness of an AI system as well as questions that organizations should ask before determining if they want to employ a new AI technology.

[Actionable Data in the DevSecOps Pipeline](#)

Bill Nichols and Julie Cohen talk with Suzanne Miller about how automation within DevSecOps product-development pipelines provides new opportunities for program managers to confidently make decisions with the help of readily available data.

[See more podcasts »](#)



[Latest Publications](#)

[Assessing Opportunities for LLMs in Software Engineering and Acquisition](#)

This white paper examines how decision makers can assess the fitness of large language models (LLMs) to address software engineering and acquisition needs.

[Mixed-Trust Computing for Real-Time Systems](#)

This paper proposes a real-time mixed-trust computing framework that combines verification and protection.

[See more publications »](#)



[Latest Videos](#)

[Cyber Supply Chain Risk Management: No Silver Bullet](#)

Brett Tucker emphasizes using robust enterprise risk management to achieve operational resilience in the cyber supply chain.

[Evaluating Trustworthiness of AI Systems](#)

Carol Smith and Carrie Gardner discuss how to evaluate trustworthiness of AI systems given their dynamic nature and the challenges of managing ongoing responsibility for maintaining trustworthiness.



[Upcoming Events](#)

[SEI Research Review 2023](#), November 8

This virtual event will spotlight recent, innovative research projects through a mix of technical presentations and conversations among SEI subject matter experts and their sponsor, customer, and academic collaborators.

[FloCon 2024](#), January 9-11, 2024

FloCon centers on improving network security by analyzing a variety of data supported by innovative machine learning, hardware, and network storage.

[See more events »](#)



[Upcoming Training](#)

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

December 12-14, 2023 (SEI Pittsburgh)

[Cybersecurity Oversight for the Business Executive](#)

January 17-18, 2024 (SEI Live Online)

[See more courses »](#)



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[Associate AI Security Researcher](#)

[Cyber Readiness Infrastructure Engineer](#)

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[All current opportunities »](#)

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