

SEI Bulletin

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Symposium Delivers New Perspectives on AI Engineering

May 25, 2022—Papers from the Artificial Intelligence (AI) Engineering Symposium are now available in the SEI Digital Library. The SEI hosted the March 21-23 virtual conference as part of the Association for the Advancement of Artificial Intelligence (AAAI) Spring Symposium Series.

The symposium focused on human-centered, scalable, and robust and secure AI, with the goal of further evolving the state of the art, fostering critical relationships, and gathering lessons learned, best practices, and workforce development needs.

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[Latest Blogs](#)

[Cybersecurity Capacity Building with Human Capital in Sub-Saharan Africa](#)

Angel Hueca discusses the creation of skilled cybersecurity human capital to solve real-life threats unique to the African continent.

[Creating Transformative and Trustworthy AI Systems Requires a Community Effort](#)

Carrie Gardner explores how professionalizing the practice of AI engineering and developing the AI engineering discipline can increase the dependability and availability of AI systems.

[A Method for Assessing Cloud Adoption Risks](#)

Christopher Alberts presents cloud adoption risk factors and describes a method to assess them in cloud initiatives.

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[**Latest Podcasts**](#)

[Model-Based Systems Engineering Meets DevSecOps](#)

Jerome Hugues and Joe Yankel discuss ModDevOps, an extension of DevSecOps that embraces model-based systems engineering (MBSE) practices and technology.

[Incorporating Supply Chain Risk and DevSecOps Into a Cybersecurity Strategy](#)

Carol Woody talks with Suzanne Miller about supply-chain issues and the planning needed to integrate software from the supply chain into operational environments.

[Software and Systems Collaboration in the Era of Smart Systems](#)

Paul Nielsen talks with Suzanne Miller about how the advent of smart systems has led to a growing need for effective collaboration between the disciplines of systems engineering and software engineering.

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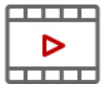
[**Latest Publications**](#)

[Digital Engineering Effectiveness - White Paper](#)

[Digital Engineering Effectiveness for Cyber-Physical Systems - Presentation](#)

Bill Nichols, Fred Schenker, and Tyler Smith (Adventium Labs, Inc.) explore the reluctance of developers of cyber-physical systems to embrace digital engineering (DE), how DE methods should be tailored to achieve their stakeholders' goals, and how to measure the effectiveness of DE-enabled workflows.

[**See more publications »**](#)



Latest Videos

[AI at the SEI](#)

Michael Mattarock and Matt Butkovic talk about the SEI's efforts to apply AI techniques to address national security mission needs while leading a national initiative to build a new discipline of AI Engineering.

[Predictable Use of Multicore in the Army and Beyond](#)

SEI experts Bjorn Andersson and Dionisio de Niz join William Vance of the U.S. Army Combat Capabilities Development Command Aviation & Missile Center to discuss using real-time software on multicore processors.

[Developing Models to Support DoD Technical Reviews](#)

Julie Cohen, Rob Wojcik, and Linda Parker Gates discuss guidelines that contractors can use to develop models to support System Engineering Technical Reviews.



Upcoming Events

[AADL/ACVIP User Days 2022](#), June 2

Speakers at this free forum will present the latest on the Architecture Analysis and Design Language (AADL), the Architecture-Centric Virtual Integration Process (ACVIP), and associated tools.

[DevSecOps Days Los Angeles 2022](#), July 27

This free, virtual conference will help attendees elevate how they integrate security into DevOps practices.

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual event pages for the latest information.

[See more events »](#)



[Upcoming Training](#)

[Insider Threat Vulnerability Assessor Training](#)

June 7-9, 2022 (SEI, Live Online)

[Foundations of Incident Management](#)

August 9-12, 2022 (SEI, Pittsburgh)

Note: The SEI is evaluating all upcoming courses, conferences, and events case-by-case in light of COVID-19 developments. Check individual training pages for the latest information. You may also contact us at courseregistration@sei.cmu.edu or +1-412-268-7388.

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