

SEI Bulletin

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DevSecOps Days Conference Delivers Practitioner Insights

June 23, 2021 — The SEI has released the [presentations and videos](#) from [DevSecOps Days Pittsburgh 2021](#), hosted virtually by the SEI on June 16. DevSecOps Days is a global series of conferences about developing security as code.

The event's keynote speaker was Ranjit Singh Mann, DevSecOps Software Factory Lead for the Missile Defense Agency (MDA) Ground-based Midcourse Defense (GMD). Other speakers presented on government DevOps, pipeline analytics, threat modeling, resilience, continuous security, bug reports, sustainable security, and the future of DevOps.

"The purpose of the DevSecOps community is helping practitioners to share some experiences on implementation," said [Hasan Yasar](#), SEI technical director of continuous deployment of capability and the event's organizer, in his opening comments. "It's really important to share our lessons learned with others."

[Download the presentations »](#)

[Watch the videos »](#)



SEI News

[SEI Maps Out Cybersecurity for World Economic Forum](#)

The interactive conceptual map connects today's top cybersecurity challenges to other critical global issues.

[Registration Open for Software Engineering Workshop for Educators 2021](#)

The SEI invites college-level educators of all areas of software engineering to join the 18th annual workshop virtually.

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Latest Blogs

[Anti-Tamper for Software Components](#)

Scott Hissam explains how to identify system software components in danger of being exploited that should be protected by anti-tamper practices.

[Vulnerabilities: Everybody's Got One!](#)

Leigh Metcalf describes how she pulled data from the malvuln project to explore recent vulnerabilities in both malware and non-malware to study the differences.

[Process Concerns When Navigating the Transition from Sustainment to Engineering Software-Reliant Systems](#)

Thomas Evans, Mike Gagliardi, Joe Kostial, Nicholas Reimer, and Douglas C. Schmidt outline process concerns when software teams transition from sustainment to engineering.

[See more blogs »](#)



Latest Podcasts

[My Story in Computing with Marisa Midler](#)

Marisa Midler discusses the career path that led to her work as a cybersecurity engineer in the SEI's CERT Division.

[Managing Vulnerabilities in Machine Learning and Artificial Intelligence Systems](#)

Allen Householder, Jonathan Spring, and Nathan VanHoudnos discuss how to manage vulnerabilities in AI/ML systems.

[AI Workforce Development](#)

Rachel Dzombak and Jay Palat discuss growth in the field of artificial intelligence (AI) and how organizations can hire and train staff to take advantage of the opportunities afforded by AI and machine learning.

[See more podcasts »](#)



Latest Publications

[DevSecOps Days Pittsburgh 2021](#)

Presentations and videos from DevSecOps Days Pittsburgh 2021.

[The Sector CSIRT Framework: Developing Sector-Based Incident Response Capabilities](#)

This framework guides the development and implementation of a sector CSIRT.

[Foundation of Cyber Ranges](#)

This report details the design considerations and execution plan for building high-fidelity, realistic virtual cyber ranges that deliver maximum training and exercise value for cyberwarfare participants.

[See more publications »](#)



Latest Videos

[Using Value Engineering to Propel Cyber-Physical Systems Acquisition](#)

Nickolas Guertin and Alfred Schenker discuss adapting Value Engineering (VE) methods into the acquisition of software-intensive weapon systems.

Webcast - [Software Supply Chain Concerns for DevSecOps Programs](#)

Aaron Reffett and Richard Laughlin explore the important architectural aspects of DevSecOps that are impacted by the software supply chain.

Webcast - [How Do We Teach Cybersecurity?](#)

Rotem Guttman shares the lessons he's learned over a decade of developing engaging, immersive training and evaluation environments.



Upcoming Events

[Software Development Open Forum: Ask Hasan Anything!](#) June 30

Join the SEI's Hasan Yasar for a live software development question-and-answer session.

[Software Engineering Workshop for Educators](#), August 3-5

The annual Workshop for Educators will foster an ongoing exchange of ideas among educators whose curricula include the subjects of software architecture and software product lines.

[AI World Government 2021](#), October 18-19

SEI experts will participate in this two-day forum to educate federal agency leaders on proven strategies and tactics to deploy AI and cognitive technologies.

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

[Software Architecture: Principles and Practices](#)

August 3-6, 2021 (SEI, Live Online)

[Insider Threat Analyst](#)

August 10-12, 2021 (SEI, Live Online)

[Cybersecurity Oversight for the Business Executive](#)

August 17-18, 2021 (SEI, Live Online)

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.

[See more courses, including live-online and eLearning offerings »](#)



Employment Opportunities

[Insider Risk Researcher](#)

[Penetration Tester](#)

[All current opportunities »](#)

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