SEI Bulletin

DevSecOps Days Pittsburgh 2021 Opens Registration

May 12, 2021 — The SEI has opened registration for DevSecOps Days Pittsburgh 2021, to be held June 16 from 9 a.m. to 3:15 p.m. (EDT). In this free, virtual meeting, DevSecOps professionals will learn from fellow practitioner successes, discover ideas on integrating security into teams, and gain insights on automating security within the entire developer and production pipeline.

"Let's use DevSecOps Days to share and learn from others' stories about DevSecOps initiatives and perhaps even their insight into problems you may be facing," said Hasan Yasar, the SEI's technical director of continuous deployment of capability and the event's organizer.

Read more »

Register for DevSecOps Days Pittsburgh 2021 »

SEI News

DevSecOps Days Pittsburgh 2021 Opens Registration
The free meeting of DevSecOps practitioners will be held virtually on June 16.

President's Cup Cybersecurity Competition Brings Out the Best
The SEI helped the Cybersecurity and Infrastructure Security Agency develop the recently concluded contest for the federal cyber workforce.

Former Federal CISO Touhill Named New Director of CMU SEI CERT Division
Carnegie Mellon University's Software Engineering Institute today announced the appointment of Gregory J. Touhill as director of the SEI's CERT Division.

See more news »

Latest Blogs

Integrating Safety and Security Engineering for Mission-Critical Systems
Sam Procter and Sholom Cohen describe how SEI research on safety and security engineering is applied to improve coordination of the safety and security communities.

Aligning DevSecOps and Machine Learning
Luiz Antunes explores the machine learning and DevSecOps domains and ways to use them in collaboration for increased performance.

Automating System Security with AADL: 11 Rules for Ensuring a Security Model
Aaron Greenhouse presents an approach for modeling and validating confidentiality based on the Bell–LaPadula security model using the Architecture Analysis and Design Language (AADL).

See more blogs »

Latest Podcasts

My Story in Computing with Dave Zubrow

David Zubrow discusses his career, from an applied history and social sciences PhD to a manager and technical leader at the SEI.

Mission-Based Prioritization: A New Method for Prioritizing Agile Backlogs

Keith Korzec discusses the Misson-Based Prioritization method for prioritizing Agile backlogs.

My Story in Computing with Carol Smith

Carol Smith talks about transitioning a love of telling people's stories to a career in human-computer interaction.

See more podcasts »

Latest Publications

Prioritizing Vulnerability Response: A Stakeholder-Specific Vulnerability Categorization (Version 2.0)

Version 2.0 of a Stakeholder-Specific Vulnerability Categorization (SSVC) is formed of decision trees and avoids some problems with the Common Vulnerability Scoring System (CVSS).

AI Engineering: An Emergent Discipline for Human-Centered, Robust and Secure, and Scalable AI

AI engineering provides a framework and tools to proactively design AI systems to function in environments characterized by high degrees of complexity, ambiguity, and dynamism.

Evaluation of QAOA Based on the Approximation Ratio of Individual Samples

We simulate the performance of Quantum Approximate Optimization Algorithm (QAOA) for the Max-Cut problem and compare it with some of the best classical alternatives, for exact, approximate, and heuristic solutions.

See more publications »
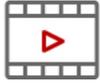
Latest Videos

Webcast - [How I Learned to Stop Worrying and Love SLAs](#)
Matt Butkovic and Alan Levin discuss how cybersecurity SLAs are vital to the success of third-party relationships and a core component of sound governance.

Webcast - [Announcing IEEE 2675 DevOps Standard to Build Reliable and Secure Systems](#)
Co-authors of the DevOps standard discuss personal experience applying DevOps principles and practices in organizations.

Webcast - [AI Engineering: The National Initiative for Human-Centered, Robust and Secure, and Scalable AI](#)
Rachel Dzombak, Matt Gaston, and Frank Redner discuss the national initiative for human-centered, robust and secure, and scalable AI.

Upcoming Events

Webcast - [How Do We Teach Cybersecurity?](#) May 12
Rotem Guttman shares the lessons he's learned over a decade of developing engaging, immersive training and evaluation environments.

Webcast - [INtersect: Where DoD, Academia, and Industry Meet](#), May 20
SEI CTO Tom Longstaff sits down with Matt Butkovic to discuss their careers in the CERT Division and the cybersecurity landscape.

[DevSecOps Days Pittsburgh 2021](#), June 16
Join leading DevSecOps professionals who are changing the world of software engineering.

> **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.

Upcoming Training

[Insider Threat Vulnerability Assessor Training](#)
June 8-10, 2021 (SEI, Live Online)

[Documenting Software Architectures](#)
June 15-18, 2021 (SEI, Live Online)

[Insider Threat Program Manager: Implementation and Operation](#)
July 20-22, 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.

Employment Opportunities

[Senior Cybersecurity Operations Researcher](#)

[Senior Machine Learning Engineer](#)

[Senior Software Developer](#)

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