

SEI Bulletin

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Software Engineering Workshop for Educators Opens Registration

July 22, 2020 — The SEI will hold the [17th Software Engineering Workshop for Educators](#) from August 4-6. Each year, the SEI holds the workshop to foster an ongoing exchange of ideas among educators of software engineering. Any accredited, college-level educator is invited to [register for the free-of-charge event](#).

Due to the COVID-19 pandemic, this year's workshop will be held virtually. The first two days of the workshop will feature training in software engineering for machine learning and in quantum computing. On day three, participants will have an interactive session on remote education during the COVID-19 pandemic.

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[SEI News](#)

[Software Engineering Institute Contract Extended by Department of Defense for \\$2.7 Billion](#)

The U.S. Department of Defense has extended its contract with Carnegie Mellon University to operate the SEI for an additional five years with a value of up to \$2.7 billion.

[2019 SEI Year in Review Highlights Accomplishments in AI, Data Analysis, and More](#)

The SEI's roundup of projects showcases contributions to the National Defense Strategy.

[Anita Carleton Named Director of the SEI's Software Solutions Division](#)

The long-serving leader and researcher is advancing a national agenda for software engineering R&D.

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[Latest Blogs](#)

[Don't Incentivize the Wrong Behaviors in Agile Development](#)

This post by Pat Place and Will Hayes explores why you don't want to incentivize the wrong behaviors in Agile Development.

[Evaluating the Post Assessment DevOps Posture: Eighth in a Series](#)

Jose Morales discusses the when, where, how, and why of establishing a post-assessment DevOps posture.

[Situational Awareness for Cybersecurity Architecture: 5 Recommendations](#)

Phil Groce presents five recommendations for the practice of architecture in the service of cybersecurity situational awareness.

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[Latest Podcasts](#)

[Agile Cybersecurity](#)

Dr. Carol Woody and Will Hayes discuss an approach that allows

organizations to integrate cybersecurity into the agile pipeline.

[CMMC Levels 1-3: Going Beyond NIST SP-171](#)

Andrew Hoover and Katie Stewart, CMMC architects, discuss Levels 1-3 of the model and what steps organizations need to take to move beyond NIST 800-171.

[The Future of Cyber: Secure Coding](#)

Bobbie Stempfley, director of the CERT Division of the SEI, explores the future of secure coding with Steve Lipner, the executive director of SAFECode and former director of software security at Microsoft.

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[**Latest Publications**](#)

[GraphBLAS Forum Collection](#)

These publications describe GraphBLAS, a consortium of researchers that is building an API specification for graph analysis.

[DevSecOps Days Pittsburgh 2020 Collection](#)

These presentations and videos are from the SEI-hosted virtual event, held July 8, exploring the development of security as code.

[Agile in Government: Go for Insight, Not Just Oversight](#)

These slides accompany the webinar providing practical insights into how a Government Program Office can productively engage with a contractor using Agile and Lean methods.

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[**Latest Videos**](#)

Webinar - [Agile in Government: Go for Insight, Not Just Oversight](#)

This webcast provided practical insights into how a Government Program Office can productively engage with a contractor using Agile and Lean methods.

Webinar - [Organizational Resilience in a Time of Crisis](#)

An organization can demonstrate operational resilience, when faced with both cyber and physical disruptions, if it focuses on the fundamentals and makes data-driven risk decisions.

Webinar - [Solving Current Cyber Challenges: Academic and Industry Collaboration](#)

The chasm between what academia researches and what industry uses in cyber is wide. By building mutually beneficial collaborations between the two, we can improve algorithms, datasets, and techniques that are applicable to the real world.



[Upcoming Events](#)

[Software Engineering Workshop for Educators](#)

The workshop fosters an ongoing exchange of ideas among educators whose curricula include the subjects of software architecture and software product lines.

[NatCSIRT 2020](#)

Is your organization responsible for protecting the security of nations, economies, and critical infrastructures? If so, attend NatCSIRT 2020 to discuss these unique challenges with your peers. Discussions will focus on current National CSIRT issues, tools, and methods.

[FloCon 2021](#)

Our theme of Using Data to Defend is more critical than ever, given the security challenges of moving customers and vendors online and supporting a remote workforce.

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 Program Evaluator](#)

September 22-24, 2020 (SEI, Live Online)

[Insider Threat Program Manager: Implementation and Operation](#)

October 27-29, 2020 (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 »](#)



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