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## FloCon 2021 Announces Program on Using Data to Defend

December 9, 2020 — [FloCon](#), the Software Engineering Institute’s annual international conference on data analysis for security, has announced the [program](#) for its upcoming event. FloCon 2021 will be held online Tuesday, January 12, through Friday, January 15, and will focus on “Using Data to Defend.”

Facebook data scientist Lauren Deason and Tennessee Tech University Professor of Computer Science Ambareen Siraj will give keynote presentations. The conference’s other speakers and instructors include network security experts from academia, industry, and federally funded research and development centers. Trainings on data science and intrusion analysis will also be offered.

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### [SEI Releases OCTAVE FORTE Model for Enterprise Risk Management](#)

The OCTAVE FORTE (OCTAVE For the Enterprise) model for enterprise risk management helps executives and other decision makers understand and prioritize the complex risks affecting their organizations.

### [AI Engineering Report Highlights Needs and Challenges to Focus Emerging Discipline](#)

The conclusions of a 2019 SEI workshop describe nine areas of need for the defense and national security AI systems of the future.

### [SEI Releases Software Engineering Measurement and Analysis Course Materials](#)

Presentations and sample datasets for three courses on software product and process improvement are now available to download from the SEI website.

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## [\*\*Latest Blogs\*\*](#)

### [10 Steps for Managing Risk: OCTAVE FORTE](#)

Brett Tucker outlines OCTAVE FORTE's 10-step framework to building and fortifying an enterprise risk management program.

### [Shifting from Software Sustainment to Software Engineering in the DoD](#)

Thomas Evans describes issues the federal government should address to help organic sustainment teams expand into organic software engineering teams.

### [Show Me Agility: Agile Strategy Execution](#)

Linda Parker Gates writes about agile strategy as a role-based enterprise capability and discusses the use of data in strategy execution.

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## [\*\*Latest Podcasts\*\*](#)

### [Achieving Continuous Authority to Operate \(ATO\)](#)

Shane Ficorilli, Hasan Yasar, and Suzanne Miller discuss Continuous ATO, including challenges, the role of DevSecOps, and cultural issues.

### [Challenging the Myth of the 10x Programmer](#)

Bill Nichols, a researcher in the SEI's Software Solution Division, recently examined the widely held notion that some programmers are much better than others.

### [A Stakeholder-Specific Vulnerability Categorization](#)

Eric Hatleback, Allen Householder, and Jonathan Spring, vulnerability and incident researchers, discuss SSSVC and go through a sample scoring vulnerability.

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## [\*\*Latest Publications\*\*](#)

### [Maintainability](#)

This report summarizes how to systematically analyze a software architecture with respect to a quality attribute requirement for maintainability.

### [Software Product Lines Curriculum](#)

These materials from our three software product line courses are designed to help organizations produce a set of related products to achieve increased quality, significant cost reductions, and quicker time to market.

### [Advancing Risk Management Capability Using the OCTAVE FORTE Process](#)

OCTAVE FORTE is a process model that helps organizations evaluate their security risks and use ERM principles to bridge the gap between executives and practitioners.

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## [\*\*Latest Videos\*\*](#)

Webcast - [Busting the Myths of Programmer Productivity](#)

Bill Nichols asks if the great programmers really are 10 times faster than the rest and what that productivity difference means.

Webcast - [What Is Cybersecurity Engineering and Why Do I Need It?](#)

Carol Woody and Rita Creel discuss how cybersecurity engineering knowledge, methods, and tools throughout the lifecycle of software-intensive systems will reduce their inherent cyber risk and increase their operational cyber resilience.

Webcast - [Threats for Machine Learning](#)

Mark Sherman explains where machine learning applications can be attacked, the means for carrying out the attack, and some mitigations you can use.

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## Upcoming Events

[Artificial Intelligence for Humanitarian Assistance and Disaster Response Workshop, December 12](#)

This workshop establishes dialogue between the AI and Humanitarian Assistance and Disaster Response (HADR) communities.

[FloCon 2021, January 12-15, 2021](#)

The 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 »](#)

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## Upcoming Training

## [Cybersecurity Oversight for the Business Executive](#)

February 23-24, 2021 (SEI Live Online)

## [Documenting Software Architectures](#)

February 22-25, 2021 (SEI Live Online)

## [Software Architecture Design and Analysis](#)

March 9-12, 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](mailto:courseregistration@sei.cmu.edu) or +1-412-268-7388.

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



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