SEI Bulletin

FloCon 2022 Announces Speakers and Trainings

January 5, 2022 — FloCon, the SEI's annual conference on using data to defend enterprise networks, has announced its full program of speakers and trainings for the online event. FloCon 2022, the conference's 18th annual event, will be held virtually January 11-13. The CERT Division of the SEI invites operational analysts, tool developers, researchers, and security professionals to register to attend.

Read more »

📰 **SEI News**

FloCon 2022 Announces Speakers and Trainings
Attendees of the January event will learn a broad range of the latest techniques for applying data and analytic methods.

[Anita Carleton Elected Fellow of IEEE Computer Society](#)
Anita Carleton, director of the SEI Software Solutions Division (SSD) has been elected as a Fellow of the IEEE Computer Society.

[SEI Coauthors Responsible AI Guidelines](#)
The new report from the Defense Innovation Unit makes progress towards operationalizing the Department of Defense's Ethical Principles for AI.

[See more news »](#)

Latest Blogs

[Toward Technical Reference Frameworks to Support Large-Scale Systems of Systems](#)
Douglas Schmidt and Nickolas Guertin present strategies for creating architectures for systems of systems composed of functions covering a broad range of requirements.

[Challenges in Making the Transition to Digital Engineering](#)
Bill Nichols describes challenges he observed when the U.S. Army Capstone Future Vertical Lift program transitioned from traditional development practices to digital engineering.

[Technical Issues in Navigating the Transition from Sustainment to Engineering Software-Reliant Systems](#)
This post explores technical issues that must be addressed as sustainment teams transition to organic software engineering responsibilities.

[See more blogs »](#)

Latest Podcasts

[Walking Fast Into the Future: Evolvable Technical Reference Frameworks for Mixed-Criticality Systems](#)
Suzanne Miller talks with Nickolas Guertin and Douglas Schmidt about

strategies for creating architectures for large-scale, complex systems that comprise functions with a wide range of requirements.

[A Discussion on Automation with Watts Humphrey Award Winner Rajendra Prasad](#)

2020 IEEE Computer Society SEI Watts Humphrey Software Quality Award winner Rajendra Prasad of Accenture talks with Mike Konrad of the SEI about automation.

[Software Engineering for Machine Learning](#)

Grace Lewis and Ipek Ozkaya discuss their research into software engineering for machine learning (ML) with host Jonathan Spring.

[See more podcasts »](#)

 # Latest Publications

[DevSecOps Days Washington, D.C. 2021](#)

These presentations were given at at the SEI-hosted, virtual DevSecOps Days conference.

[Using Machine Learning to Increase NPC Fidelity](#)

This technical report describes how the authors used machine learning modeling to create decision-making preferences for non-player characters (NPCs).

[SEI Research Review 2021](#)

Videos and presentations from the 2021 SEI Research Review.

[See more publications »](#)

 # Latest Videos

YouTube - [DevSecOps Days Washington, D.C. 2021](#)
Presentations and talks from DevSecOps Days Washington, D.C. 2021.

YouTube - **2021 SEI Research Review**
Presentations and talks from the 2021 SEI Research Review.

Webcast - **A Cybersecurity Engineering Strategy for DevSecOps**
Carol Woody presents a strategy for cybersecurity engineering in DevSecOps environments.

📅 Upcoming Events

FloCon 2022, January 11-13, 2022
This virtual event focuses on applying any and all collected data to defend enterprise networks.

International Conference on Software and Systems Processes 2022, May 20-22, 2022
This conference gathers researchers and practitioners to share about software and system processes and global 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.

See more events »

🏅 Upcoming Training

Software Architecture: Principles and Practices
January 24-27, 2022 (SEI, Live Online)

Creating a Computer Security Incident Response Team
February 8, 2022 (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 »](#)

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