

SEI Bulletin

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International Conference on Software and Systems Processes Begins May 19

May 11, 2022—The [2022 International Conference on Software and Systems Processes \(ICSSP\)](#), co-sponsored by the SEI, invites software researchers and practitioners to [register](#) for the virtual event, which will take place May 19-20.

The [program](#) includes keynote speakers Grady Booch of IBM, the SEI's Tom Longstaff, and the University of Limerick's Ita Richardson. They will address the theme "Envisioning the Future of Software Engineering Process and Practice for Global Competitiveness and Innovation."

[Learn more »](#)

[Register »](#)



[SEI News](#)

[SEI to Sponsor Small Business Networking Event](#)

Small businesses get the opportunity to network with university procurement teams, federal agencies, and government contractors.

[International Conference on Software and Systems Processes 2022 Opens Registration and Announces Program](#)

The conference will feature keynote speakers Ita Richardson of the University of Limerick, Grady Booch of IBM, and Tom Longstaff of the SEI.

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[**Latest Blogs**](#)

[A Method for Assessing Cloud Adoption Risks](#)

Christopher Alberts presents cloud adoption risk factors and describes a method to assess them in cloud initiatives.

[Improving Automated Retraining of Machine-Learning Models](#)

Rachel Brower-Sinning describes how to improve representative MLOps pipelines by automating exploratory data-analysis tasks.

[Security Analytics: Tracking Proxy Bypass](#)

Tim Shimeall describes how to track the amount of network traffic that is evading security proxies for services that such proxies are expected to cover.

[**See more blogs »**](#)



[**Latest Podcasts**](#)

[Model-Based Systems Engineering Meets DevSecOps](#)

Jerome Hugues and Joe Yankel discuss ModDevOps, an extension of DevSecOps that embraces model-based systems engineering (MBSE) practices and technology.

[Incorporating Supply Chain Risk and DevSecOps Into a Cybersecurity Strategy](#)

Carol Woody talks with Suzanne Miller about supply-chain issues and the planning needed to integrate software from the supply chain into operational environments.

[Software and Systems Collaboration in the Era of Smart Systems](#)

Paul Nielsen talks with Suzanne Miller about how the advent of smart systems has led to a growing need for effective collaboration between the disciplines of systems engineering and software engineering.

[**See more podcasts »**](#)



[**Latest Publications**](#)

[DevSecOps Days Pittsburgh 2022](#)

These presentations from the DevSecOps Days conference evolved and explored concepts around developing security as code.

[DevSecOps Days Pittsburgh 2022 Graphic Recordings](#)

Illustrators recorded the DevSecOps Days presentations in graphical form.

[Guidance for Tailoring DoD Request for Proposals \(RFPs\) to Include Modeling](#)

This report provides guidance for government program offices that are including digital engineering/modeling requirements into a request for proposal.

[Modeling to Support DoD Acquisition Lifecycle Events \(Version 1.4\)](#)

This document provides suggestions for producing requirement, system, and software models supporting DoD system acquisition lifecycle events.

[Experiences with Deploying Mothra in Amazon Web Services \(AWS\)](#)

This report describes development of an at-scale prototype of an on-premises system to test the performance of Mothra in the cloud.

[**See more publications »**](#)



Latest Videos

[Predictable Use of Multicore in the Army and Beyond](#)

SEI experts Bjorn Andersson and Dionisio de Niz join William Vance of the U.S. Army Combat Capabilities Development Command Aviation & Missile Center to discuss using real-time software on multicore processors.

[Developing Models to Support DoD Technical Reviews](#)

Julie Cohen, Rob Wojcik, and Linda Parker Gates discuss guidelines that contractors can use to develop models to support System Engineering Technical Reviews.

[Teaming Data Science and Causal Inference](#)

Shane McGraw interviews Bob Stoddard about how data scientists joining his group of technical professionals and researchers will make an impact on the U.S. Department of Defense through data-driven decision solutions.



Upcoming Events

[INtersect: Where DoD, Academia, and Industry Meet](#), May 18

The SEI's Matt Butkovic and Michael Mattarock talk about the SEI's efforts to apply AI techniques to address national security mission needs while leading a national initiative to build a new discipline of AI engineering in this free webcast.

[International Conference on Software and Systems Processes 2022](#), May 19-20

This conference gathers researchers and practitioners to share about software and system processes and global software engineering.

[AADL/ACVIP User Days 2022](#), June 2

Speakers at this free forum will present the latest on the Architecture Analysis and Design Language (AADL), the Architecture-Centric Virtual Integration Process (ACVIP), and associated tools.

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 Vulnerability Assessor Training](#)

June 7-9, 2022 (SEI, Live Online)

[Software Architecture Design and Analysis](#)

June 14-15, 2022 (SEI, Pittsburgh, PA)

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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