PITTSBURGH

WELCOME TO DEVSECOPS DAYS PITTSBURGH 2023!

MAY 11, 2023

Hasan Yasar
Technical Director, Continuous Deployment of Capability
CMU SEI

Document Markings

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DevSecOps Days Pittsburgh 2023

We are the DevSecOps Community

- DevSecOpsDays.com is the central hub.
- Our purpose is to support DevSecOps practitioners like you who deserve more exposure and encouragement for the work you are doing.

How to Participate and Ask Questions

- Live Session at SEI YouTube channel
- YouTube Chat
  - Live session chat
  - Add your questions for the speakers here
- If you have questions for a particular speaker, email info@sei.cmu.edu with your question and the speaker's name. We will route it to the speaker for you.

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Schedule: Morning

Time	Session
9:00 a.m.	Welcome Hasan Yasar, Software Engineering Institute
9:15 a.m.	**Keynote: SPDX SBOMs: Enabling Automation of Safety & Security Analysis** **Kate Stewart, The Linux Foundation**
10:00 a.m.	Short Break
10:10 a.m.	Web Security at Early-Stage Startup Aman Sharma, twimbit
10:40 a.m.	Short Break
10:50 a.m.	Automating Away Your DevSecOps Toil Doug Sillars, unSkript
11:20 a.m.	Short Break
11:30 a.m.	Securing the IoT Supply Chain with DevSecOps Antonio Escalera and Dan Morrison, Raft
12:00 p.m.	Lunch Break

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Schedule: Afternoon

Time	Session
12:30 p.m.	**Keynote Panel: Virtualization: Unlocking Software Modularity of Embedded Systems** **Nabor Felix Cortez, Erik Williams, Andrew House, Maj. Jorge Ramirez, U.S. Air Force**
1:15 p.m.	Short Break
1:25 p.m.	To Resiliency and Beyond! How to Engineer Survivable Systems Matt Wiseman, FATHOM5
1:55 p.m.	Short Break
2:10 p.m.	Golfing with Dragons: Building Secure Environments for CTF Competitions Jared Stroud, Daniel Szafran, The MITRE Corporation
2:35 p.m.	Short Break
2:45 p.m.	Implementing Quantum-Resistant Cryptography in Industry Samuel Sabogal Pardo, cyte.co
3:15 p.m.	Short Break
3:25 p.m.	DevSecOps for the Community: Building, Provisioning and Deploying CVE's Infrastructure and Services Shane Ficorilli, The MITRE Corporation
3:55 p.m.	Wrap-up and adjourn

Welcome: Hasan Yasar

HASAN YASAR is the Technical Director of the Continuous Deployment of Capability directorate at the Software Engineering Institute, CMU.

Hasan leads an engineering group to enable, accelerate, and assure transformation at the speed of relevance by leveraging DevSecOps, Agile, Lean AI/ML, and other emerging technologies to create a Smart Software Platform/Pipeline.

Hasan has more than 25 years' experience as a senior security engineer, software engineer, software architect, and manager in all phases of secure software development and information modeling processes. He is also an adjunct faculty member in the CMU Heinz College and Institute of Software Research where he currently teaches "Software and Security" and "DevOps: Engineering for Deployment and Operations."

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Keynote: Kate Stewart, The Linux Foundation

Kate Stewart was one of the founders of the SPDX project in 2009 and has been contributing to it continuously since that time. Since joining The Linux Foundation eight years ago, Kate has also launched the ELISA, Real Time Linux, and Zephyr RTOS projects and has supported other embedded projects. With more than 30 years of experience in the software industry, she has held a variety of roles in software development, architecture, and product management, primarily in the tooling and embedded ecosystem working with international teams. As such, Kate frequently speaks about open source, SBOMs, embedded systems, and more at industry conferences like the RSA Conference, Embedded Online Conference, IoT World, Embedded World, Open Source Summit, and others.

Keynote Panel: Nabor Felix Cortez, U.S. Air Force

Nabor Felix Cortez   Erik Williams   Andrew House   Jorge Ramirez

Nabor Felix Cortez is the Product Owner (PO) for the XanatosGambit (XG) team within the 76 SWEG's EDDGE division at Tinker Air Force Base. Erik M. Williams is a Senior Electronics Engineer at the Weapon Dynamics, Guidance, Navigation, and Control Branch of the Air Force Research Laboratory (AFRL) Munitions Directorate, Eglin Air Force Base, FL. Andrew House is currently a development engineer for the XanatosGambit team, part of the EDDGE division of the 76 SWEG at Tinker Air Force Base. Major Jorge Ramirez is an Acquisition Program Manager in the U.S. Air Force and currently assigned to the Air Force Life Cycle Management Center's Armament Directorate.

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Speakers - 1

Antonio Escalera

Raft

Senior Platform Engineer

Shane Ficorilli

The MITRE Corporation

Senior Cyber Security Engineer

Dan Morrison

Raft

Lead DevSecOps Engineer

Samuel Sabogal Pardo

cyte.co

Vice President

Aman Sharma

twimbit

CTO

Doug Sillars

unSkript

Head of Developer Relations

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Speakers - 2

Jared Stroud
The MITRE Corporation

Lead Security Engineer

Daniel Szafran
The MITRE Corporation

Cybersecurity Engineer

Matt Wiseman
Fathom5

Cybersecurity Engineer

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Session Moderators

Jeff Hamed

CMU SEI

DevOps Software Engineer

Doug Reynolds

CMU SEI

DevOps Engineer

Joseph Yankel

CMU SEI

Member of the Technical Staff - Senior Engineer

For More Information

- DevOps: https://www.sei.cmu.edu/go/devops

- DevSecOps Blog: https://insights.sei.cmu.edu/devops

- Webinars: https://www.sei.cmu.edu/publications/webinars/index.cfm

- Podcasts: https://www.sei.cmu.edu/publications/podcasts/index.cfm

- DevSecOps Days Website: https://resources.sei.cmu.edu/news-events/events/devsecops/

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Thank You for Attending!

Contact Information

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