

Welcome

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Welcome

DevSecOps Days 2022

Pittsburgh, April 27

Carnegie Mellon University
Software Engineering Institute

#DSODaysPGH



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.

Schedule: Morning

Time	Session
9:00 a.m.	Welcome Hasan Yasar, Software Engineering Institute
9:15 a.m.	Keynote: DevSecOps: Are We There Yet? Chris Hughes, Aquia, Inc.
10:00 a.m.	Short Break
10:10 a.m.	#NoHobbyists Tracy Bannon, The MITRE Corporation
10:40 a.m.	Short Break
10:50 a.m.	Are We Forever Doomed By Software Supply Chain Risks? Steve Kinman, Snyk
11:20 a.m.	Short Break
11:30 a.m.	Chaos Security Engineering: Integrating Security through Chaos Nikki Robinson, IBM

Schedule: Afternoon

Time	Session
12:00 p.m.	Lunch Break
12:30 p.m.	Keynote: How to Misuse and Abuse DORA Metrics Bryan Finster, Defense Unicorns
1:15 p.m.	Short Break
1:25 p.m.	Implementing Pipelines to Automate Container Maintenance in Highly Regulated Environments Jose Morales and Rob McCarthy, Software Engineering Institute
1:55 p.m.	Short Break
2:05 p.m.	DevSecOps in the Cloud from the Lens of a Well-Architected Framework Turja Narayan Chaudhuri, EY GDS
3:35 p.m.	Wrap Up Joe Yankel, Software Engineering Institute

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.”

Keynote: Chris Hughes, Aquia, Inc.

Chris currently serves as the Co-Founder and CISO of Aquia. Chris has nearly 20 years of IT/Cybersecurity experience. This ranges from active duty time with the U.S. Air Force, a Civil Servant with the U.S. Navy and General Services Administration (GSA)/FedRAMP as well as time as a consultant in the private sector. In addition, he also is an Adjunct Professor for M.S. Cybersecurity programs at Capitol Technology University and University of Maryland Global Campus. Chris also participates in industry Working Groups such as the Cloud Security Alliances



Incident Response Working Group and serves as the Membership Chair for Cloud Security Alliance D.C. Chris also co-hosts the Resilient Cyber Podcast. Chris holds various industry certifications such as the CISSP/CCSP from ISC2 as holding both the AWS and Azure security certifications. He regularly consults with IT and Cybersecurity leaders from various industries to assist their organizations with their Cloud migration journeys while keeping Security a core component of that transformation.

Keynote: Bryan Finster, Defense Unicorns

A passionate advocate for and practitioner of continuous delivery who knows from experience that CD improves outcomes for the end-user, the organization, and for the teams implementing it. Deploy more and sleep better.

I have over two decades of experience delivering and supporting mission-critical supply chain solutions for very large enterprises. I'm the founder and former lead for the Walmart DevOps Dojo with hands-on experience both executing continuous delivery



experience both executing continuous delivery for production systems and helping other organizations find and remove the constraints that prevent a CD workflow.

I'm a co-author of "Modern Cybersecurity: Tales from the Near-Distant Future", author of the 5-Minute DevOps blog on Medium, and a frequent speaker on all topics related to improving the flow of software delivery.

Invited Speaker: Tracy Bannon, The MITRE Corporation

Passionate Architect!!! Tracy (Trac) Bannon is a Senior Principal in MITRE Corporation's Advanced Software Innovation Center. She is an accomplished software architect, engineer, and DevSecOps advisor having worked across commercial and government clients.

She is a passionate architect, and her specialty emphasizes cloud native, decoupled architectures, DataOps/xOps, and DevSecOps. Understanding complex problems and working to deliver mission/business value at the speed of relevance is job one!



Trac walks the walk and talks the talk. She's just as passionate about mentoring and training as she is about architecting sustainable ecosystems! She enjoys community and knowledge building with her teams, her clients, and the next generation of technologists by guest lecturing at universities, leading working groups, and sharing experience stories.

Speakers



Steve Kinman
Snyk
Field CISO



Nikki Robinson
IBM
Security Architect



Rob McCarthy
CMU Software Engineering Institute
DevOps Engineer



Jose Morales
Software Engineering Institute, Carnegie
Mellon University
Senior Researcher



Turja Narayan Chaudhuri
Cloud Platform, EY GDS
Assistant Director

Session Moderators



Jeff Hamed

SEI CMU

DevOps Software Engineer



Doug Reynolds

SEI CMU

DevOps Engineer



David Shepard

SEI CMU

MTS - Senior Engineer



Joe Yankel

SEI CMU

MTS - Senior Engineer

DevSecOps Days 2022

- Los Angeles → July 27, 2022
- Rome, Italy → August 2022
- Boston → September 12, 2022
- Washington, D.C. → October 12, 2022
- Tokyo, Japan → November 2022
- Istanbul, Turkey → December 2022
- How about your community??

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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/>

Thank You for Attending!

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