



Culture



Architecture



Engineering

WEDNESDAY, NOVEMBER 1

7:30 am–5:00 pm				On-Site Registration and Badge Pickup			
7:30 am–9:00 am				Continental Breakfast			
9:00 am–9:45 am				Opening Plenaries: Security in Automation Jamesha Fisher, GitHub			
9:45 am–10:30 am				Jess Frazelle, GitHub			
10:30 am–11:00 am				Break with Refreshments			
11:00 am–12:30 pm							
Talks I Never Events 11:00 am–11:45 am Matt Provost, Yelp				Talks II UX Design and Education for Effective Monitoring Tools 11:00 am–11:45 am Amy Nguyen, Stripe			
The Hidden Costs of On-Call: False Alarms 11:45 am–12:30 pm Cody Wilbourn, Parse.ly				ChatOps at Shopify: Inviting bots in our day-to-day operations 11:45 am–12:30 pm Daniella Niyonkuru, Shopify			
				Mini Tutorials I Automating System Data Analysis using R 11:00 am–12:30 pm Robert Ballance, Independent Computer Scientist			
				Mini Tutorials II How to Get Out of Your Own Way 11:00 am–12:30 pm Jessica Hilt and Allison Flick, UC San Diego			
12:00 pm–7:00 pm				LISA17 Expo			
12:30 pm–2:00 pm				Lunch on the Expo Floor			
2:00 pm–3:30 pm							
Talks I SREBot - more than a chatbot - an intelligent bot to crush mitigation time 2:00 pm–2:30 pm Cezar Alevatto Guimaraes, Microsoft				Talks II Working with DBAs in a DevOps world 2:00 pm–2:30 pm Silvia Botros, Sr. DBA at Sendgrid			
Testing Before You Scale & Making Friends While You Do It 2:30 pm–3:00 pm Renee Lung, PagerDuty				Queueing Theory, In Practice: Performance Modelling for the Working Engineer 2:30 pm–3:00 pm Eben Freeman, Honeycomb.io			
Scalability is Quantifiable: The Universal Scalability Law 3:00 pm–3:30 pm Baron Schwartz, VividCortex				Distributed Tracing: From Theory to Practice 3:00 pm–3:30 pm Stella Cotton, Heroku			
				Mini Tutorials I Handling Emergency Changes and Urgent Requests 2:00 pm–3:30 pm Jeanne Schock, Armstrong Flooring Inc.			
				Mini Tutorials II S, M, and L Logstash Architectures: The Foundations 2:00 pm–3:30 pm Jamie Riedesel, HelloSign			
3:30 pm–4:00 pm				Break with Refreshments on the Expo Floor			

LISA17 WEDNESDAY, NOVEMBER 1 (continued)

4:00 pm–5:30 pm

Talks I

The 7 Deadly Sins of Documentation

4:00 pm–4:45 pm

Chastity Blackwell, Yelp



Talks II

Becoming a Plumber: Building Deployment Pipelines

4:00 pm–4:45 pm

Daniel Barker, DST Systems



Mini Tutorials I

Enhancing Monitoring with Spatial Data and Maps

4:00 pm–5:30 pm

Derek Arnold



Mini Tutorials II

Release S, M, and L Logstash Architectures: Reaching For the Sky

4:00 pm–5:30 pm

Jamie Riedesel, HelloSign



Persistent SRE Antipatterns: Pitfalls On the Road to Creating a Successful SRE Program Like Netflix and Google

4:45 pm–5:30 pm

Blake Bisset; Jonah Horowitz, Stripe



Have you tried turning it off and turning it on again?

4:45 pm–5:30 pm

Tanya Reilly, Google



6:00 pm–7:00 pm

Expo Happy Hour

7:00 pm–11:00 pm

Birds-of-a-Feather Sessions (BoFs)

See BoFs Board in Registration Area

LISA17 THURSDAY, NOVEMBER 2

8:00 am–5:00 pm

On-Site Registration and Badge Pickup

8:00 am–9:00 am

Continental Breakfast

9:00 am–10:30 am

Talks I

Disaggregating the network: Switching as a service

9:00 am–9:45 am

Nina Schiff, Facebook



Talks II

Fast and Safe Production Monitoring of JVM Applications with BPF Magic

9:00 am–9:45 am

Sasha Goldshtein, Sela Group



Mini Tutorials I

Handling the Interruptive Nature of Operations

9:30 am–10:30 am

Carolyn Rowland, National Institute of Standards and Technology, and Avleen Vig, Etsy



Mini Tutorials II

WordPress Maintenance and Troubleshooting

9:30 am–10:30 am

Dash Buck



LinkedIn's Distributed Firewall

9:45 am–10:30 am

Mike Svoboda, LinkedIn; Thomas Ryd and Mark Burgess, CFEngine



Karlwolke: Unprivileged containers for user-defined software stacks in HPC

9:45 am–10:30 am

Reid Priedhorsky, Los Alamos National Laboratory



10:00 am–2:00 pm

LISA17 Expo

10:30 am–11:00 am

Break with Refreshments on the Expo Floor

11:00 am–12:30 pm

Talks I

Case study: Deploying a multi-region, highly available MySQL architecture

11:00 am–11:30 am
Gabriel Ciciliani, OSDB Internal Principal Consultant at Pythian

How do your packets flow?

11:30 am–12:00 pm
Leslie Carr, Clover Health

Resiliency Testing with Toxiproxy

12:00 pm–12:30 pm
Jake Pittis, Shopify

Talks II

Operational Compliance: From Requirements to Reality

11:00 am–11:30 am
Trevor Vaughan, VP Engineering - Onyx Point, Inc.

Fast Log Analysis Made Easy by Automatically Parsing Heterogeneous Logs

11:30 am–12:00 pm
Biplob Debnath and Will Dennis, NEC Laboratories America, Inc.

Your Secrets, in Cloud based Key Management Services

12:00 pm–12:30 pm
Dan O'Boyle, Stack Overflow

Mini Tutorials I

Care & Feeding of a Healthy Job Hunt

11:00 am–12:30 pm
V Brasseur, Freelance Open Source Consultant

Mini Tutorials II

Writing and Consuming REST Services

11:00 am–12:30 pm
Chris St. Pierre, Cisco Systems, Inc.

12:30 pm–2:00 pm

Lunch on the Expo Floor

2:00 pm–3:30 pm

Talks I

Now You See Me Too: Visual Tooling for Advanced System Analysis

2:00 pm–2:45 pm
Suchakrapani Sharma, ShiftLeft Inc.

Vax to K8s: TicketMaster's transformation to cloud native devops

2:45 pm–3:30 pm
Heather Osborn, Ticketmaster

Talks II

Linux Container Performance Analysis

2:00 pm–2:45 pm
Brendan Gregg, Netflix

The Actor Model and The Queue or "Batch is the New Black"

2:45 pm–3:30 pm
James Whitehead, II, Chief Scientist, Formularity

Mini Tutorials I

osquery - Windows, macOS, Linux monitoring and intrusion detection

2:00 pm–3:30 pm
Teddy Reed and Mitchell Grenier, Facebook

Mini Tutorials II

The Ins-and-Outs of Networking in the Big Three Clouds

2:00 pm–3:30 pm
Chris McEniry, Sony Interactive Entertainment

3:30 pm–4:00 pm

Break with Refreshments

4:00 pm–5:30 pm

Plenary Panel

Moderator: Tameika Reed

6:00 pm–8:00 pm

LISA17 Conference Reception

8:00 pm–11:00 pm

Birds-of-a-Feather Sessions (BoFs)

See BoFs Board in Registration Area

8:00 am–12:00 pm On-Site Registration and Badge Pickup






8:00 am–9:00 am Continental Breakfast

9:00 am–10:30 am

Talks I	Talks II	Mini Tutorials I	Mini Tutorials II
<p>CD for DBs: Database Deployment Strategies </p> <p>9:00 am–9:45 am Avantika Mathur, Electric Cloud</p> <p>Clarifying Zero Trust: The Model, The Philosophy, The Ethos </p> <p>9:45 am–10:30 am Evan Gilman; Doug Barth, Stripe</p>	<p>Coherent Communications - What We Can Learn From Theoretical Physics </p> <p>9:00 am–9:45 am Kevin Barron, University of California, Santa Barbara</p> <p>Pintrace: A Distributed Tracing pipeline </p> <p>9:45 am–10:30 am Suman Karumuri, Pinterest</p>	<p>Chef: Scripts to Recipes </p> <p>9:30 am–10:30 am Morgan Drake, Chef Software</p>	<p>Kubernetes: Hit the Ground Running </p> <p>9:30 am–10:30 am Chris McEniry, Sony Interactive Entertainment</p>

10:30 am–11:00 am Break with Refreshments

11:00 am–12:30 pm

Talks I	Talks II	Mini Tutorials I	Mini Tutorials II
<p>DevOps in Regulatory Spaces. It's only 25% what you thought it was... </p> <p>11:00 am–11:45 am Peter Lega, Merck and Company</p> <p>Failure Happens: Improving Incident Response in Large-Scale Organizations </p> <p>11:45 am–12:30 pm Damon Edwards, Rundeck, Inc.</p>	<p>Capacity and Stability Patterns </p> <p>11:00 am–11:45 am Brian Pitts, Eventbrite</p> <p>"Don't You Know Who I Am?! The Danger of Celebrity in Tech" </p> <p>11:45 am–12:30 pm Corey Quinn, The Quinn Advisory Group</p>	<p>Containers At Scale with Kubernetes, Docker and Azure </p> <p>11:00 am–12:30 pm Jennelle Crothers, Microsoft</p>	<p>HPC for Everybody </p> <p>11:00 am–12:30 pm Cory Lueninghoener, Wireless Couch Labs</p>

12:30 pm–2:00 pm Conference Luncheon

2:00 pm–3:30 pm

Talks I	Talks II	Mini Tutorials I	Mini Tutorials II
<p>Sample your traffic but keep the good stuff </p> <p>2:00 pm–2:30 pm Ben Hartshorne, Honeycomb</p> <p>Where's the Kaboom? There Was Supposed to Be an Earth-Shattering Kaboom! </p> <p>2:30 pm–3:00 pm David Blank-Edelman, Apcera</p> <p>Debugging At Scale Using Elastic and Machine Learning </p> <p>3:00 pm–3:30 pm Mohit Suley, Microsoft</p>	<p>Managing SSH access without managing SSH keys </p> <p>2:00 pm–2:30 pm Niall Sheridan, Intercom</p> <p>Calcifying Crisis Readiness </p> <p>2:30 pm–3:00 pm Rock Stevens, University of Maryland</p> <p>Wait for us! Evolving on-call as your company grows </p> <p>3:00 pm–3:30 pm Christopher Hoey, Datadog</p>	<p>Security Automation for Containers and VMs with OpenSCAP </p> <p>2:00 pm–3:30 pm Martin Preisler and Marek Haicman, Red Hat, Inc.</p>	<p>Getting started with Bash on Windows 10 and how to apply it to DevOps </p> <p>2:00 pm–3:30 pm Jessica Deen, Microsoft</p>

3:30 pm–4:00 pm Break with Refreshments

4:00 pm–5:30 pm

Closing Plenary: System Crash, Plane Crash: Lessons from Commercial Aviation and Other Engineering Fields Grand Ballroom
Jon Kuroda, University of California, Berkeley