### WEDNESDAY, DECEMBER 7

#### 7:30 am–5:00 pm
- On-Site Registration and Badge Pickup
  - Grand Ballroom Foyer

#### 7:30 am–9:00 am
- Continental Breakfast
  - Grand Ballroom Foyer

#### 9:00 am–9:15 am
- Opening Remarks
  - LISA16 Co-Chairs: John Arrasjid, Dell EMC, and Matt Simmons, SpaceX
  - Constitution Ballroom

#### 9:15 am–10:30 am
- Keynote Address: “The Evolution of People, Process, and Technology in the Digital Age”
  - John Roese, Dell EMC EVP and CTO of Cross Product Operations
  - Constitution Ballroom

#### 10:30 am–11:00 am
- Break with Refreshments
  - Grand Ballroom Foyer

#### 11:00 am–12:30 pm

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<tbody>
<tr>
<td>UAVs, IoT, and Cybersecurity</td>
<td>Building a Billion User Load Balancer</td>
<td>Modern Cryptography Concepts: Hype or Hope</td>
<td>Mini Tutorial: Git Crash Course</td>
<td>Mini Tutorial: How to Virtualize the End-User's Desktop (or How to Play More Warcraft/Halo during the Day)</td>
<td>LISA Lab: Beginning Wireshark</td>
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<tr>
<td>11:00 am–11:45 am David Kovar</td>
<td>11:00 am–11:45 am Patrick Shuff, Facebook</td>
<td>11:00 am–11:45 am Radia Perlman, Dell EMC Corporation</td>
<td>11:00 am–12:30 pm Thomas Uphill, Wells Fargo</td>
<td>11:00 am–12:30 pm Linus Bourque</td>
<td>11:00 am–12:30 pm Brett Thorson, Senior Sales Engineer Mid-Atlantic: Dtex Systems</td>
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<tr>
<td>Stop Lying to Your Customers—the Cloud Is Neither Private nor Secure: What Your Customers Need to Do for Privacy and Security, and How You Can Help Them</td>
<td>Sensu and the Art of Monitoring</td>
<td>Strategic Storytelling</td>
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<td>11:45 am–12:30 pm</td>
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<tr>
<td>James “Brad” Whitehead, Chief Scientist, Formularity</td>
<td>Sean Porter, Sensu</td>
<td>Jessica Hilt, University of California, San Diego</td>
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#### Noon–7:00 pm
- LISA16 Expo
  - Grand and Liberty Ballrooms

#### 12:30 pm–2:00 pm
- Conference Lunch on the Expo Floor
  - Grand and Liberty Ballrooms

#### 2:00 pm–3:30 pm

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<tbody>
<tr>
<td>2:00 pm–2:45 pm Courtney Eckhardt, Heroku</td>
<td>2:00 pm–2:45 pm George Beech, Stack Overflow</td>
<td>2:00 pm–2:45 pm Tanya Reilly, Google</td>
<td>2:00 pm–3:30 pm Mike Diehn</td>
<td>2:00 pm–3:30 pm Mike Ciavarella, Coffee Bean Software Pty Ltd</td>
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<td>SRE at a StartUp: Lessons from LinkedIn</td>
<td>The Hard Truths about Microservices and Software Delivery</td>
<td>How to Succeed in Ops without Really Trying</td>
<td>Jamie Riedesel, HelloSign</td>
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<td>2:45 pm–3:30 pm Craig Sebenik, Matterport</td>
<td>2:45 pm–3:30 pm Anders Wallgren, Chief Technology Officer at Electric Cloud and Avantika Mathur, Professional Services Engineer at Electric Cloud</td>
<td>2:45 pm–3:30 pm Chastity Blackwell, Neustar</td>
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#### 3:30 pm–4:00 pm
- Break with Refreshments
  - Grand Ballroom Foyer

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*Wednesday continues on next page*
## LISA 16 Conference Program

### Wednesday, December 7 (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Confrence Topics</th>
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<tbody>
<tr>
<td>4:00 pm–5:30 pm</td>
<td>Constitution Ballroom A</td>
<td>Engineering, Architecture, Culture</td>
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<td>Constitution Ballroom B</td>
<td>Engineering, Architecture, Culture</td>
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<tr>
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<td>Back Bay Ballroom AB</td>
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<td>Commonwealth Ballroom</td>
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<td>Back Bay Ballroom D</td>
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- **Behind Closed Doors: Managing Passwords in a Dangerous World**
  - Constitution Ballroom A
  - Noah Kantrowitz
- **The Road to Mordor: Information Security Issues and Your Open Source Project**
  - Commonwealth Ballroom AB
  - Amye Scavarda, Red Hat
- **An Architect’s Guide to Designing Risk**
  - Constitution Ballroom B
  - Daemon Behr, Industry professional
- **Don’t Burn Out or Fade Away: Conquering Occupational Burnout**
  - Back Bay Ballroom AB
  - Avleen Vig
- **Mini Tutorial: S, M, and L Logstash Architectures: Reaching For the Sky**
  - Commonwealth Ballroom
  - Jamie Riedesel
- **Mini Tutorial: Release Pipelines in Microsoft Ecosystems**
  - Back Bay Ballroom C
  - Warren Frame, Harvard University, and Michael Green
- **LISA Lab Core Skills: Scripting for Automation**
  - Back Bay Ballroom D
  - Mike Ciavarella, Coffee Bean Software Pty Ltd

### 5:30 pm–7:00 pm

- **Expo Hall Happy Hour**
  - Grand and Liberty Ballrooms

### 7:00 pm–11:00 pm

- **Birds-of-a-Feather Sessions (BoFs)**
  - See BoF Board in registration area

### Thursday, December 8

<table>
<thead>
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- **Keynote Address: “The Future of Engineering Tools and Techniques in Operations”**
  - Mitchell Hashimoto, HashiCorp

### 10:00 am–2:00 pm

- **LISA16 Expo**
  - Grand and Liberty Ballrooms

### 10:30 am–11:00 am

- **Break with Refreshments on the Expo Floor**
  - Grand and Liberty Ballrooms

### 11:00 am–12:30 pm

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- **Passing the Console: Fostering the Next Generation of Ops Professionals**
  - Constitution Ballroom A
  - Alice Goldfuss, New Relic
- **Heresy in the Church of Docker**
  - Constitution Ballroom B
  - Corey Quinn, FutureAdvisor
- **Development of High Quality, Highly Configurable, Reusable Patterns through Best Practices**
  - Back Bay Ballroom AB
  - Maja Vukovic, IBM T. J. Watson Research Center
- **Data Has Always Been Big**
  - Commonwealth Ballroom
  - Kyle Erf, Software Engineer, MongoDB, Inc.
- **Mini Tutorial: Interfacing with Humans: How to Manage in Prod Ops**
  - Back Bay Ballroom C
  - Connie-Lynne Villani, Grilled Cheese Invitational
- **Mini Tutorial: Writing and Consuming REST Services**
  - Back Bay Ballroom D
  - Chris St. Pierre, Cisco Systems
- **LISA Lab: Advanced Wireshark**
  - Republic B
  - Brett Thorson, Senior Sales Engineer Mid-Atlantic: Dtex Systems
- **Vendor Talk: NetOps Meets DevOps: Network Infrastructure Management Automation**
  - Constitution Ballroom A
  - Marcio Saito, CTO, Opengear

### Thursday continues on next page
### 12:30 pm–2:00 pm  
**Conference Lunch on the Expo Floor**  
*Grand and Liberty Ballrooms*

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<tr>
<td><strong>Constitution Ballroom A</strong></td>
<td><strong>Constitution Ballroom B</strong></td>
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</table>
| Stealing the Best Ideas from DevOps: A Guide for Sysadmins without Developers  
2:00 pm–2:45 pm  
Thomas Limoncelli, StackOverflow.com, and Christina Hogan, Independent Consultant  
*Stealing the Best Ideas from DevOps: A Guide for Sysadmins without Developers*  
2:00 pm–2:45 pm  
Thomas Limoncelli, StackOverflow.com, and Christina Hogan, Independent Consultant | Linux 4.X Tracing Tools: Using BPF Superpowers  
2:45 pm–3:30 pm  
Brendan Gregg, Netflix  
*Linux 4.X Tracing Tools: Using BPF Superpowers*  
2:45 pm–3:30 pm  
Brendan Gregg, Netflix |
| Why We Can’t Have Nice Things: A Tale of Woe and a Hope for the Future  
2:00 pm–2:45 pm  
Pete Cheslock, Threat Stack | Why We Can’t Have Nice Things: A Tale of Woe and a Hope for the Future  
2:00 pm–2:45 pm  
Pete Cheslock, Threat Stack |
| Mini Tutorial: Living in a Post-Post-Mortem World: Techniques for Incident Analysis  
2:00 pm–3:30 pm  
Connie-Lynne Villani, Grilled Cheese Invitational | Mini Tutorial: Living in a Post-Post-Mortem World: Techniques for Incident Analysis  
2:00 pm–3:30 pm  
Connie-Lynne Villani, Grilled Cheese Invitational |
| Mini Tutorial: The 90-Minute Cassandra DBA  
2:00 pm–3:30 pm  
Chris McEniry, Sony Interactive Entertainment | Mini Tutorial: The 90-Minute Cassandra DBA  
2:00 pm–3:30 pm  
Chris McEniry, Sony Interactive Entertainment |
| LISA Lab: Writing (Micro)Services with Flask  
2:00 pm–3:30 pm  
Chris St. Pierre, Cisco Systems, Inc. | LISA Lab: Writing (Micro)Services with Flask  
2:00 pm–3:30 pm  
Chris St. Pierre, Cisco Systems, Inc. |

| 3:30 pm–4:00 pm | Break with Refreshments |  |
| 4:00 pm–5:30 pm |  |
| **Constitution Ballroom A** | **Constitution Ballroom B** |
| Implementing DevOps in a Regulated Traditionally Waterfall Environment  
Configure  
4:00 pm–4:45 pm  
Jason Victor and Peter Lega, Merck and Co., Inc. | Implementing DevOps in a Regulated Traditionally Waterfall Environment  
Configure  
4:00 pm–4:45 pm  
Jason Victor and Peter Lega, Merck and Co., Inc. |
| The 7 Righteous Fights  
4:00 pm–4:45 pm  
Heidi Waterhouse, Documentation Mercenary | The 7 Righteous Fights  
4:00 pm–4:45 pm  
Heidi Waterhouse, Documentation Mercenary |
| No User Left Behind: Making Sure Customers Reach Your Service  
4:00 pm–4:45 pm  
Mohit Suley, Software Engineer in the Live Site Engineering team @ Bing | No User Left Behind: Making Sure Customers Reach Your Service  
4:00 pm–4:45 pm  
Mohit Suley, Software Engineer in the Live Site Engineering team @ Bing |
| Mini Tutorial: Managing Dispersed Teams  
4:00 pm–5:30 pm  
Scott Cromar, Senior Manager, Convergys | Mini Tutorial: Managing Dispersed Teams  
4:00 pm–5:30 pm  
Scott Cromar, Senior Manager, Convergys |
| Mini Tutorial: Making Developers More Productive with Vagrant, VirtualBox, and Docker  
Configure  
4:00 pm–5:30 pm  
John J. Rofrano, IBM T.J. Watson Research Center | Mini Tutorial: Making Developers More Productive with Vagrant, VirtualBox, and Docker  
Configure  
4:00 pm–5:30 pm  
John J. Rofrano, IBM T.J. Watson Research Center |
| Mini Tutorial: Writing (Micro)Services with Flask  
2:00 pm–3:30 pm  
2:00 pm–3:30 pm  
Chris St. Pierre, Cisco Systems, Inc. |

| 6:30 pm–8:30 pm | LISA16 Conference Reception | Grand and Liberty Ballrooms |
| 8:30 pm–11:30 pm | Birds-of-a-Feather Sessions (BoFs) | See BoF Board in registration area |
# LISA16 Conference Program

## Friday, December 9

### 8:00 am–12:00 pm
- **On-Site Registration and Badge Pickup**
  - Grand Ballroom Foyer

### 8:00 am–9:00 am
- **Continental Breakfast**
  - Grand Ballroom Foyer

### 9:00 am–10:30 am
- **Keynote Address: “Identifying Emergent Behaviors in Complex Systems”**
  - Jane Adams, Two Sigma
  - Back Bay Ballroom

### 10:30 am–11:00 am
- **Break with Refreshments**
  - Grand Ballroom Foyer

### 11:00 am–12:30 pm

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<tbody>
<tr>
<td>Lost Treasures of the Ancient World</td>
<td>Everything Is Terrible, and We're to Blame</td>
<td>Know Thyself and Design Accordingly</td>
<td>Mini Tutorial: Security Compliance for Containers and VMs with OpenSCAP</td>
<td>Mini Tutorial: Machine Learning for SREs</td>
<td>LISA Lab</td>
</tr>
<tr>
<td>11:00 am–11:45 am Jim Perrin, The CentOS Project</td>
<td>11:00 am–11:45 am Ryan Frantz, Etsy</td>
<td>11:00 am–11:45 am Martin Price, Red Hat</td>
<td>11:00 am–12:30 pm Matt Harrison, MetaSnake</td>
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<tr>
<td>David Blank-Edelman, Apcera</td>
<td>Seth Vargo, Director of Evangelism, HashiCorp</td>
<td>Using Open Source Telemetry to Drive Change in Management Environments</td>
<td>Susan Young, Dell EMC Corporation, Office of the CTO</td>
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<td>Splicing SRE DNA Sequences in the Biggest Enterprise Software Company on the Planet</td>
<td>Consul as a Monitoring Solution</td>
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<tr>
<td>11:45 am–12:30 pm Greg Veith, Microsoft</td>
<td>11:45 am–12:30 pm</td>
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### 12:30 pm–2:00 pm
- **Conference Luncheon**
  - Grand Ballroom

### 2:00 pm–3:30 pm

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<tbody>
<tr>
<td>2:00 pm–2:45 pm Brian J. Atkinson, Red Hat</td>
<td>2:00 pm–2:45 pm Caskey L. Dickson, Microsoft Corporation</td>
<td>2:00 pm–2:45 pm Idit Levine, Dell EMC Corporation</td>
<td>2:00 pm–3:30 pm Dave Nicholson, Atlassian SRE</td>
<td>2:00 pm–3:30 pm Nuri Halperin, Plus N Consulting, Inc.</td>
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<tr>
<td>Syssadms Ask the Managers</td>
<td>Interplanetary DevOps at NASA JPL</td>
<td>Failure: Why It Happens &amp; How To Benefit from It</td>
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<tr>
<td>2:45 pm–3:30 pm Andy Seely, Science Applications International Corporation</td>
<td>2:45 pm–3:30 pm Dan Isla, NASA Jet Propulsion Laboratory</td>
<td>2:45 pm–3:30 pm VM (Vicky) Brasseur, Hewlett Packard Enterprise</td>
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### 3:30 pm–4:00 pm
- **Break with Refreshments**
  - Grand Ballroom Foyer

### 4:00 pm–5:30 pm
- **Closing Plenary: “SRE in the Small and in the Large”**
  - Niall Murphy and Todd Underwood, Google
  - Back Bay Ballroom