

USENIX Association

**Proceedings of the
27th Large Installation System
Administration Conference**

**November 3–8, 2013
Washington, D.C.**

Conference Organizers

Program Co-Chairs

Narayan Desai, *Argonne National Laboratory*
Kent Skaar, *VMware, Inc.*

Program Committee

Patrick Cable, *MIT Lincoln Laboratory*
Mike Ciavarella, *Coffee Bean Software Pty Ltd*
Andrew Hume, *AT&T Labs—Research*
Paul Krizak, *Qualcomm*
Adam Leff, *WebMD*
John Looney, *Google, Inc.*
Andrew Lusk, *Amazon Inc.*
Chris McEniry, *Sony*
Tim Nelson, *Worcester Polytechnic Institute*
Marco Nicosia, *Moraga Systems LLC*
Adam Oliner, *University of California, Berkeley*
Carolyn Rowland, *Twinight Enterprises*
Dan Russel, *TED Talks*
Adele Shakal, *Metacloud*
Avleen Vig, *Etsy, Inc.*

Invited Talks Coordinators

Nicole Forsgren Velasquez, *Utah State University*
Cory Lueninghoener, *Los Alamos National Laboratory*

Lightning Talks Coordinator

Lee Damon, *University of Washington*

Workshops Coordinator

Kyrre Begnum, *Oslo and Akershus University College of Applied Sciences*

Guru Is In Coordinator

Chris St. Pierre, *Amplify*

Gurus

Owen DeLong, *Hurricane Electric*
Stephen Frost, *Resonate*
Thomas A. Limoncelli, *Stack Exchange*

David Nalley, *Apache Cloudstack*

Adele Shakal, *Metacloud, Inc.*

Daniel J Walsh, *Red Hat*

George Wilson, *Delphix*

Charles Wimmer, *VertiCloud*

Poster Session Coordinator

Marc Chiarini, *Harvard SEAS*

USENIX Board Liaisons

David N. Blank-Edelman, *Northeastern University*

Carolyn Rowland, *Twinight Enterprises*

Steering Committee

Paul Anderson, *University of Edinburgh*

David N. Blank-Edelman, *Northeastern University*

Mark Burgess, *CFEngine*

Alva Couch, *Tufts University*

Anne Dickison, *USENIX Association*

Æleen Frisch, *Exponential Consulting*

Doug Hughes, *D. E. Shaw Research, LLC*

William LeFebvre, *CSE*

Thomas A. Limoncelli, *Stack Exchange*

Adam Moskowitz

Mario Obejas, *Raytheon*

Carolyn Rowland, *Twinight Enterprises*

Rudi van Drunen, *Xlexit Technology, The Netherlands*

Education Director

Daniel V. Klein, *USENIX Association*

Tutorial Coordinator

Matt Simmons, *Northeastern University*

LISA Lab Hack Space Coordinators

Paul Krizak, *Qualcomm*

Chris McEniry, *Sony*

Adele Shakal, *Metacloud, Inc.*

External Reviewers

David N. Blank-Edelman and Thomas A. Limoncelli