Message from the Program Co-Chairs

Wednesday, November 6
Building Software Environments for Research Computing Clusters
Mark Howison, Aaron Shen, and Andrew Loomis, Brown University

Fixing On-call, or How to Sleep Through the Night
Matt Provost, Weta Digital

Thursday, November 7
Poncho: Enabling Smart Administration of Full Private Clouds
Scott Devoid and Narayan Desai, Argonne National Laboratory; Lorin Hochstein, Nimbis Services

Making Problem Diagnosis Work for Large-Scale, Production Storage Systems
Michael P. Kasick and Priya Narasimhan, Carnegie Mellon University; Kevin Harms, Argonne National Laboratory

dsync: Efficient Block-wise Synchronization of Multi-Gigabyte Binary Data
Thomas Knauth and Christof Fetzer, Technische Universität Dresden

HotSnap: A Hot Distributed Snapshot System For Virtual Machine Cluster
Lei Cui, Bo Li, Yangyang Zhang, and Jianxin Li, Beihang University

Supporting Undoability in Systems Operations
Ingo Weber and Hiroshi Wada, NICTA and University of New South Wales; Alan Fekete, NICTA and University of Sydney; Anna Liu and Len Bass, NICTA and University of New South Wales

Back to the Future: Fault-tolerant Live Update with Time-traveling State Transfer
Cristiano Giuffrida, Călin Iorgulescu, Anton Kuijsten, and Andrew S. Tanenbaum, Vrije Universiteit, Amsterdam

Live Upgrading Thousands of Servers from an Ancient Red Hat Distribution to 10 Year Newer Debian Based One
Marc Merlin, Google, Inc.

Managing Smartphone Testbeds with SmartLab
Georgios Larkou, Constantinos Costa, Panayiotis G. Andreou, Andreas Konstantinidis, and Demetrios Zeinalipour-Yazti, University of Cyprus

YinzCam: Experiences with In-Venue Mobile Video and Replays
Nathan D. Mickulicz, Priya Narasimhan, and Rajeev Gandhi, YinzCam, Inc. and Carnegie Mellon University

Friday, November 8
Challenges to Error Diagnosis in Hadoop Ecosystems
Jim (Zhanwen) Li, NICTA; Siyuan He, Citibank; Liming Zhu, NICTA and University of New South Wales; Xiwei Xu, NICTA; Min Fu, University of New South Wales; Len Bass and Anna Liu, NICTA and University of New South Wales; An Binh Tran, University of New South Wales

Installation of an External Lustre Filesystem Using Cray esMS Management and Lustre 1.8.6
Patrick Webb, Cray Inc.