

2010

USENIX Federated Conferences Week

June 22–25, 2010 Boston, MA

www.usenix.org/confweek10

New for 2010, USENIX is combining established conferences and new workshops into one week full of research, trends, and community interaction.

///// USENIX ATC '10

2010 USENIX Annual Technical Conference

Wednesday–Friday, June 23–25 www.usenix.org/atc10

WebApps '10 /////

USENIX Conference on Web Application Development

Wednesday–Thursday, June 23–24 www.usenix.org/webapps10

///// WOSN 2010

3rd Workshop on Online Social Networks

Tuesday, June 22 www.usenix.org/wosn10

HotCloud '10 /////

2nd USENIX Workshop on Hot Topics in Cloud Computing

Tuesday, June 22 www.usenix.org/hotcloud10

///// HotStorage '10

2nd Workshop on Hot Topics in Storage and File Systems

Tuesday, June 22 www.usenix.org/hotstorage10

Google's Go Tutorial /////

Wednesday, June 23

///// FAST-OS Workshop

Wednesday, June 23

1st USENIX Cloud Virtualization Summit /////

Thursday, June 24

///// Configuration Management Summit

Thursday, June 24

Cfengine 3 Tutorial /////

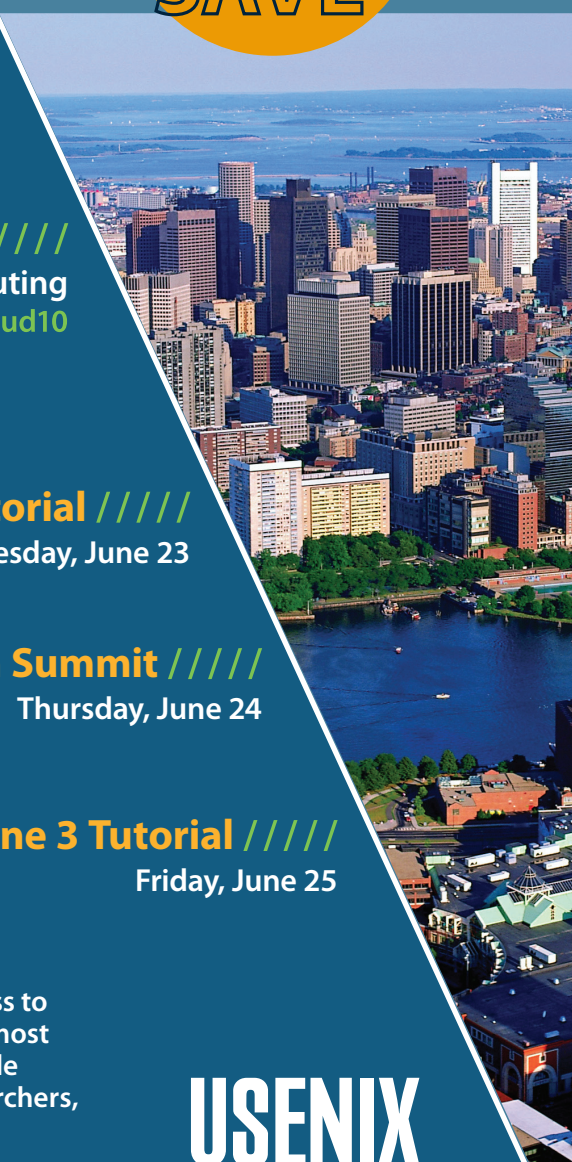
Friday, June 25

And more!

///// Why Attend

You'll leave this week with insights into the future of many hot topics. Your access to leading researchers and industry experts will not only provide answers to your most burning questions but will also help you build lasting connections across multiple disciplines. Take full advantage of this opportunity and learn from the top researchers, practitioners, and authors all in one place, at one time.

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Wednesday, June 23, 2010

8:30 a.m.–10:00 a.m.

Wednesday

Welcome Remarks and Keynote Address

Keynote Speaker: Bobby Johnson, *Director of Engineering, Facebook, Inc.*

Bobby Johnson is Director of Engineering at Facebook, where he leads the software development efforts to cost-effectively scale Facebook's infrastructure and optimize performance for its many millions of users. During his time with the company, the number of users has expanded by more than fiftyfold and Facebook now handles billions of page views a day.

Bobby was previously at ActiveVideo Networks, where he led the distributed systems and set-top software development teams. He has worked in a wide variety of engineering roles, from robotics to embedded systems to Web software. He received a B.S. in Engineering and Applied Science from Caltech.

10:00 a.m.–10:30 a.m.

Break

10:30 a.m.–Noon

Wednesday

Separating Web Applications from User Data Storage with BStore

Ramesh Chandra, Priya Gupta, and Nickolai Zeldovich, *CSAIL, MIT*

Active Measurement System for High-Fidelity Characterization of Modern Cloud Applications

Myungjin Lee and Ramana Rao Kompella, *Purdue University*; Sumeet Singh, *Cisco Systems*

JSMeter: Comparing the Behavior of JavaScript Benchmarks with Real Web Applications

Paruj Ratanaworabhan, *Kasetsart University*; Benjamin Livshits and Benjamin G. Zorn, *Microsoft Research*

Noon–1:30 p.m.

Conference Luncheon

1:30 p.m.–3:00 p.m.

Wednesday

JSZap: Compressing JavaScript Code

Martin Burtscher, *University of Texas at Austin*; Benjamin Livshits, *Microsoft Research*; Gaurav Sinha, *IIT Kanpur*; Benjamin G. Zorn, *Microsoft Research*

Leveraging Cognitive Factors in Securing WWW with CAPTCHA

Amalia Rusu and Rebecca Docimo, *Fairfield University*; Adrian Rusu, *Rowan University*

Gulfstream: Incremental Static Analysis for Streaming JavaScript Applications

Salvatore Guarnieri, *University of Washington*; Benjamin Livshits, *Microsoft Research*

3:00 p.m.–3:30 p.m.

Break

3:30 p.m.–5:00 p.m.

Wednesday

Work-in-Progress Reports (WiPs) and Poster Promos

Find out how to submit a WiP at http://www.usenix.org/events/webapps10/posters_wips.html.

6:00 p.m.–8:00 p.m.

Wednesday

Poster Session and Reception

Find out how to submit a poster at http://www.usenix.org/events/webapps10/posters_wips.html.

Thursday, June 24, 2010

9:00 a.m.–10:00 a.m.

Thursday

Invited Talk

Gmail: Past, Present, and Future

Adam de Boer, *Staff Software Engineer, Google*

Gmail is one of the most complex Web applications yet developed. I will give a high-level description of how it has evolved, how it works, and how we're taking advantage of the new capabilities in HTML5 and using Gmail as a testbed for driving new features in the Web platform.

10:00 a.m.–10:30 a.m.

Break

10:30 a.m.–Noon

Thursday

Managing State for Ajax-Driven Web Components

John Ousterhout and Eric Stratmann, *Stanford University*

SVC: Selector-based View Composition for Web Frameworks

William P. Zeller and Edward W. Felten, *Princeton University*

Silo: Exploiting JavaScript and DOM Storage for Faster Page Loads

James Mickens, *Microsoft Research*

Noon–1:30 p.m.

Conference Luncheon

1:30 p.m.–3:00 p.m.

Thursday

Pixaxe: A Declarative, Client-Focused Web Application Framework

Rob King, *TippingPoint DVLabs*

Featherweight Firefox: Formalizing the Core of a Web Browser

Aaron Bohannon and Benjamin C. Pierce, *University of Pennsylvania*

DBTaint: Cross-Application Information Flow Tracking via Databases

Benjamin Davis and Hao Chen, *University of California, Davis*

3:00 p.m.–3:30 p.m.

Break

3:30 p.m.–4:30 p.m.

Thursday

xJS: Practical XSS Prevention for Web Application Development

Elias Athanasopoulos, Vasilis Pappas, Antonis Krithinakis, Spyros Ligouras, and Evangelos P. Markatos, *Institute of Computer Science, Foundation for Research and Technology—Hellas*; Thomas Karagiannis, *Microsoft Research Cambridge*

SeerSuite: Developing a Scalable and Reliable Application Framework for Building Digital Libraries by Crawling the Web

Pradeep B. Teregowda, *Pennsylvania State University*; Isaac G. Councill, *Google*; Juan Pablo Fernández R., Madian Kasbha, Shuyi Zheng, and C. Lee Giles, *Pennsylvania State University*

6:30 p.m.–8:00 p.m.

Reception

See www.usenix.org/webapps10
for more info about WebApps '10

Make your Sheraton Boston Hotel reservation early!

Special Attendee Room Rate:
\$235 single/double plus 12.45% tax

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- Reserve your room online at www.starwoodmeeting.com/Book/usenix2010

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