2011
USENIX Federated Conferences Week

June 14–17, 2011 Portland, OR

www.usenix.org/fcw11

Back for 2011, USENIX is combining training, established conferences, and workshops into a week of research, trends, and community interaction. Events include:

///// USENIX ATC '11
2011 USENIX Annual Technical Conference
Wednesday–Friday, June 15–17 www.usenix.org/atc11

WebApps '11 /////
2nd USENIX Conference on Web Application Development
Wednesday–Thursday, June 15–16 www.usenix.org/webapps11

///// HotCloud '11
3rd USENIX Workshop on Hot Topics in Cloud Computing
Tuesday–Wednesday, June 14–15 www.usenix.org/hotcloud11

HotStorage '11 /////
3rd USENIX Workshop on Hot Topics in Storage and File Systems
Tuesday, June 14 www.usenix.org/hotstorage11

///// WIOV '11
3rd Workshop on I/O Virtualization
Tuesday, June 14 www.usenix.org/wiov11

Tutorial on Securing Linux Servers ////
Tuesday, June 14

///// Tutorial on SELinux
Wednesday, June 15

Tutorial on VMware vCloud:
Overview and Design Considerations /////
Wednesday, June 15

///// Tutorial on Linux Performance Tuning
Thursday, June 16

Tutorial on Hacker Detection for System Administrators (SANS Security 464) /////
Thursday–Friday, June 16–17

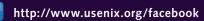## ///// Tutorial on Automating System Administration with Cfengine 3
Friday, June 17

///// Why Attend
You'll leave the 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.
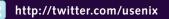
EARLY BIRD DISCOUNT REGISTER by MAY 23 & SAVE

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Wednesday, June 15, 2011

8:30 a.m.–10:00 a.m.   Wednesday

Welcome, Awards, and Joint ATC and WebApps Keynote Address

An Agenda for Empirical Cyber Crime Research
Speaker: Stefan Savage, *Director of the Collaborative Center for Internet Epidemiology and Defenses (CCIED) and Associate Professor, UCSD*

10:00 a.m.–10:30 a.m.   Break

10:30 a.m.–noon   Wednesday

Server-side Security

GuardRails: A Data-Centric Web Application Security Framework
Jonathan Burket, Patrick Mutchler, Michael Weaver, Muzzammil Zaveri, and David Evans, *University of Virginia*

PHP Aspis: Using Partial Taint Tracking to Protect Against Injection Attacks
Ioannis Papagiannis, Matteo Migliavacca, and Peter Pietzuch, *Imperial College London*

Secure Data Preservers for Web Services
Jayanthkumar Kannan, *University of California, Berkeley, and Intel Labs Berkeley;* Petros Maniatis and Byung-Gon Chun, *Intel Labs Berkeley*

Noon–1:00 p.m.   Lunch

1:00 p.m.–2:30 p.m.   Wednesday

Researchers' Workbench

BenchLab: An Open Testbed for Realistic Benchmarking of Web Applications
Emmanuel Cecchet, Veena Udayabhanu, Timothy Wood, and Prashant Shenoy, *University of Massachusetts Amherst*

Resource Provisioning of Web Applications in Heterogeneous Clouds
Jiang Dejun, *VU University Amsterdam and Tsinghua University Beijing;* Guillaume Pierre, *VU University Amsterdam;* Chi-Hung Chi, *Tsinghua University Beijing*

C3: An Experimental, Extensible, Reconfigurable Platform for HTML-based Applications
Benjamin S. Lerner and Brian Burg, *University of Washington;* Herman Venter and Wolfram Schulte, *Microsoft Research*

2:30 p.m.–3:00 p.m.   Break

3:00 p.m.–4:30 p.m.   Wednesday

Lessons and Experience

The Effectiveness of Application Permissions
A. Porter Felt, Kate Greenwood, and David Wagner, *University of California, Berkeley*

Experiences on a Design Approach for Interactive Web Applications
Janne Kuuskeri, *Tampere University of Technology*

Exploring the Relationship Between Web Application Development Tools and Security
Matthew Finifter and David Wagner, *University of California, Berkeley*

4:30 p.m.–4:45 p.m.   Break

4:45 p.m.–6:00 p.m.   Wednesday

Joint ATC and WebApps Invited Talk

Helping Humanity with Phones and Clouds
Matthew Faulkner, *graduate student in Computer Science at Caltech,* and Michael Olson, *graduate student in Computer Science at Caltech*

6:00 p.m.–6:30 p.m.   Break

6:30 p.m.–8:00 p.m.   Wednesday

Joint ATC and WebApps Poster Session and Happy Hour

Find out more at http://www.usenix.org/fcw11/posters.

Thursday, June 16, 2011

9:00 a.m.–10:00 a.m.   Thursday

Joint ATC and WebApps Plenary Session

Dead Media: What the Obsolete, Unsuccessful, Experimental, and Avant-Garde Can Teach Us About the Future of Media
Finn Brunton, *Postdoctoral Researcher at NYU*

10:00 a.m.–10:30 a.m.   Break

10:30 a.m.–noon   Thursday

Panel: The Future of Client-side Web Apps

Moderator: Michael E. "Max" Maximilien, *IBM Research*

Participants: Raffi Krikorian, *Twitter;* Eric Meijer, *Microsoft;* Tom Occhino, *Facebook;* Charles Ying, *Flipboard*

Noon–1:00 p.m.   Lunch

1:00 p.m.–2:30 p.m.   Thursday

Extending and Protecting the Client

Integrating Long Polling with an MVC Web Framework
Eric Stratmann, John Ousterhout, and Sameer Madan, *Stanford University*

Detecting Malicious Web Links and Identifying Their Attack Types
Hyunsang Choi, *Korea University;* Bin B. Zhu, *Microsoft Research Asia;* Heejo Lee, *Korea University*

Maverick: Providing Web Applications with Safe and Flexible Access to Local Devices
David W. Richardson and Steven D. Gribble, *University of Washington*

2:30 p.m.–3:00 p.m.   Break

3:00 p.m.–4:30 p.m.   Thursday

Invited Talk

Talk Title to Come
Kent Beck, *Facebook, Inc.*

4:30 p.m.–4:45 p.m.   Break

4:45 p.m.–6:00 p.m.   Thursday

Joint ATC and WebApps Invited Talk

Linux PC Robot
Mark Woodward, *Mohawksoft*

7:00 p.m.–9:00 p.m.   Reception

Make your Portland Marriott Downtown Waterfront hotel reservation early!

Special Attendee Room Rate:
$179 single/double plus 12.5% state and local tax

- Call (503) 226-7600 and mention USENIX
- Book online at http://www.usenix.org/fcw11/hotel

Registration Fees

Early Bird Registration Deadline: Monday, May 23, 2011
USENIX is pleased to offer Early Bird Registration Discounts to those who register by Monday, May 23, 2011. After May 23, registration fees increase by $50 per day. Find out more about student offers at http://www.usenix.org/fcw11/students.

USENIX members save an additional $145! See www.usenix.org/fcw11/registration for more information.

Special Multi-Day Discount Packages Available: The More Days You Attend, the More You Save!

	Fees (Before May 23)	Package Savings for Members	Package Savings for Nonmembers
1 Day	$450	*Save $145!*	
2 Days	$725	*Save $320!*	*Save $175!*
3 Days	$975	*Save $520!*	*Save $375!*
4 Days (Full Conference Pass)	$1195	*Save $720!*	*Save $605!*