

EUROSYS09

30TH MARCH TO 03RD APRIL
2009 IN NUREMBERG, GERMANY



Conference Programme

Schedule of the EuroSys 2009 programme.

	Morning 1	Morning 2	Afternoon 1	Afternoon 2	Evening
Tuesday	Workshop / Tutorial	Workshop / Tutorial	Workshop / Tutorial	Workshop / Tutorial	Welcome reception
Wednesday	Welcome/logistics 1. Cloud computing	2. Defending against bad things	3. OS mechanisms	4. Handling data	EuroSys AGM, posters session, beer tasting
Thursday	5. Real, running systems	6. Promises for the future	7. Posters	8. Clients and the web	Banquet dinner
Friday	9. Helping programmers	10. Power and provisioning	-	-	-

Tuesday

Day: workshops and tutorials

Evening: welcome reception

Wednesday

(morning 1) Session 1: Cloud computing

Chair: TBA

SnowFlock: Rapid Virtual Machine Cloning for Cloud Computing

H. Andres Lagar-Cavilla (University of Toronto), Joseph A. Whitney (University of Toronto), Adin Scannell (University of Toronto), Stephen M. Rumble (University of Toronto), Philip Patchin (University of Toronto), Eyal de Lara (University of Toronto), Michael Brudno (University of Toronto), M. Satyanarayanan (Carnegie Mellon University)

Automated Control of Multiple Virtualized Resources

Pradeep Padala (University of Michigan), Kai-Yuan Hou (University of Michigan), Xiaoyun Zhu (VMWare Inc.), Mustafa Uysal (HP Labs), Zhikui Wang (HP Labs), Sharad Singhal (HP Labs), Arif Merchant (HP Labs), Kang G. Shin (University of Michigan)

(Short Paper) Improving the Responsiveness of Internet Services with Automatic Cache Placement

Alexander Rasmussen (UCSD), Emre Kiciman (Microsoft Research), Benjamin Livshits (Microsoft Research), Madanlal Musuvathi (Microsoft Research)

(morning 2) Session 2: Defending against bad things

Chair: TBA

Orchestra: Intrusion Detection Using Parallel Execution and Monitoring of Program Variants in User-Space

Babak Salamat (UC Irvine), Todd Jackson (UC Irvine), Andreas Gal (UC Irvine), Michael Franz (UC Irvine)

Multi-Aspect Profiling of Kernel Rootkit Behavior

Ryan Riley (Purdue University), Xuxian Jiang (North Carolina State University), Dongyan Xu (Purdue University)

Pointless Tainting? Evaluating the practicality of pointer tainting

Asia Slowinska (Vrije Universiteit Amsterdam), Herbert Bos (Vrije Universiteit Amsterdam)

(afternoon 1) Session 3: OS mechanisms

Chair: TBA

Memory Resource Allocation for File System Prefetching -- From a Supply Chain Management Perspective

Zhe Zhang (North Carolina State University), Amit Kulkarni (North Carolina State University), Xiaosong Ma (North Carolina State University and Oak Ridge National Lab), Yuanyuan Zhou (University of Illinois at Urbana-Champaign)

Towards Practical Page Coloring-based Multicore Cache Management

Xiao Zhang (University of Rochester), Sandhya Dwarkadas (University of Rochester), Kai Shen (University of Rochester)

Fair and Timely Scheduling via Cooperative Polling

Charles Krasic (University of British Columbia), Mayukh Saubhasik (University of British Columbia), Anirban Sinha (University of British Columbia), Ashvin Goel (University of Toronto)

(afternoon 2) Session 4: Handling data

Chair: TBA

SCAN-Lite: Enterprise-wide analysis on the cheap

Craig Soules (HP Labs), Kim Keeton (HP Labs), Charles B. Morrey III (HP Labs)

Effective and Efficient Compromise Recovery for Weakly Consistent Replication

Prince Mahajan (University of Texas at Austin), Ramakrishna Kotla (Microsoft Research, Silicon Valley), Catherine C. Marshall (Microsoft Research, Silicon Valley), Venugopalan Ramasubramanian (Microsoft Research, Silicon Valley), Thomas L. Rodeheffer (Microsoft Research, Silicon Valley), Douglas B. Terry (Microsoft Research, Silicon Valley), Ted Wobber (Microsoft Research, Silicon Valley)

Migrating server storage to SSDs: analysis of tradeoffs

Dushyanth Narayanan (Microsoft Research Cambridge, UK), Eno Thereska (Microsoft Research Cambridge, UK), Austin Donnelly (Microsoft Research Cambridge, UK), Sameh Elnikety (Microsoft Research Cambridge, UK), Antony Rowstron (Microsoft Research Cambridge, UK)

(Evening) Eurosys AGM with beer tasting and posters

Thursday

(morning 1) Session 5: Real, running systems

Chair: TBA

First-Aid: Surviving and Preventing Memory Management Bugs during Production Runs

Qi Gao (Ohio State University), Wenbin Zhang (Ohio State University), Yan Tang (Ohio State University), Feng Qin (Ohio State University)

Transparent Checkpoints of Closed Distributed Systems in Emulab

Anton Burtsev (University of Utah, School of Computing), Prashanth Radhakrishnan (University of Utah, School of Computing and NetApp), Mike Hibler (University of Utah, School of Computing), Jay Lepreau (University of Utah, School of Computing)

Ksplice: Automatic rebootless kernel updates

Jeff Arnold (MIT), Frans Kaashoek (MIT)

(morning 2) Session 6: Promises for the future

Chair: TBA

(Short paper) Tralfamadore: Unifying Source Code and Execution Experience

Geoffrey Lefebvre (UBC), Brendan Cully (UBC), Michael J. Feeley (UBC), Norman C. Hutchinson (UBC), Andrew Warfield (UBC)

Work in progress talks

We still solicit submissions for combined [posters/work-in-progress talks](#) from all areas of interest to the EuroSys attendees.

(afternoon 1) Session 7: Posters

Chair/poster organizer: TBA

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(afternoon 2) Session 8: Clients and the web

Chair: TBA

User Interactions in Social Networks and their Implications

Christo Wilson (UCSB), Bryce Boe (UCSB), Alessandra Sala (UCSB), Krishna Puttaswamy (UCSB), Ben Y. Zhao (UCSB)

Isolating Web Programs in Modern Browser Architectures

Charles Reis (University of Washington and Google), Steven D. Gribble (University of Washington and Google)

Privacy-Preserving Browser-Side Scripting With BFlow

Alexander Yip (MIT), Neha Narula (MIT), Maxwell Krohn (MIT), Robert Morris (MIT)

(evening) Banquet dinner

Friday

(morning 1) Session 9: Helping programmers

Chair: TBA

xCalls: Safe I/O in Memory Transactions

Haris Volos (University of Wisconsin - Madison), Neelam Goyal (Oracle), Andres Jaan Tack (University of Wisconsin - Madison), Michael M. Swift (University of Wisconsin - Madison), Adam Welc (Intel Corporation)

A Runtime System for Software Lock Elision

Amitabha Roy (Computer Laboratory, University of Cambridge), Steven Hand (Computer Laboratory, University of Cambridge), Tim Harris (Microsoft Research)

Dingo: Taming Device Drivers

Leonid Ryzhyk (UNSW, NICTA), Peter Chubb (NICTA), Ihor Kuz (UNSW, NICTA), Gernot Heiser (UNSW, NICTA, Open Kernel Labs)

(morning 2) Session 10: Power and provisioning

Chair: Frank Bellosa (University of Karlsruhe)

Predicting Replicated Database Scalability from Standalone Database Profiling

Sameh Elnikety (Microsoft Research), Steve Dropsho (Google), Emmanuel Cecchet (University of Massachusetts), Willy Zwaenepoel (EPFL)

Koala: A platform for OS-level power management

David Snowdon (NICTA and University of New South Wales, Intel Corporation), Etienne Le Sueur (NICTA and University of New South Wales), Stefan Petters (NICTA and University of New South Wales), Gernot Heiser (NICTA, University of New South Wales, and Open Kernel Labs)

Statistical Profiling-based Techniques for Effective Power Provisioning in Data Centers

Sriram Govindan (Penn State University), Jeonghwan Choi (Penn State University), Bhuvan Uргаonkar (Penn State University), Anand Sivasubramaniam (Penn State University and Tata Consultancy Services), Andrea Baldini (Cisco Systems, Inc.)