Welcome to Beautiful Austin Texas
ACM/SPEC ICPE 2015

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MOUNT BONNELL

UNIVERSITY OF TEXAS
Austin’s Nicknames

SILICON HILLS

LIVE MUSIC CAPITAL
History of ACM/SPEC ICPE

WOSP
&
SPEC workshop (SIPEW)

6th ACM ICPE

Intersection of Software and Performance

ACM and SPEC Sponsorship
ICPE 15 Organizing Committee

General Chairs
Lizy K. John, University of Texas at Austin, USA
Connie U. Smith, L&S Computer Technology, Inc., USA

Program Chairs
Kai Sachs, SAP, Germany
Catalina M. Llado, University of the Balearic Islands, Spain

Industrial Chair
Herb Schwetman, Oracle Labs, USA

Tutorial Chair
Catia Trubiani, Gran Sasso Science Institute, Italy

Demos and Posters Chairs
William Knottenbelt, Imperial College, UK
Yaomin Chen, Oracle, USA

Workshop Chairs
J. Nelson Amaral, University of Alberta, Canada
Marin Litoiu, York University, Canada

ICPE Steering Committee – Sam Kounev & Other members
ICPE 2015

Publication Chair
Simona Bernardi, Centro Universitario de la Defensa, Spain

Finance Chair
Anoush Najarian, Mathworks, USA

Publicity Chairs
Amy Spellmann, The 451 Group, USA
Andre van Hoorn, University of Stuttgart, Germany

Registration Chair
Ram Krishnan, University of Texas at San Antonio, USA

Ph. D Forum Chair
Zhibin Yu, SIAT (CAS), China

Award Chairs
Andre B. Bondi, Siemens Corporate Research, USA
Paul V. Gratz, Texas A&M University, USA

Local Organization Chair
Nasr Ullah, Samsung, USA

Web Chair
Andre van Hoorn, University of Stuttgart, Germany

SPEC: Dianne Rice
LOGISTICS

Internet: HILTONMTG
Password: wireless

Co-located SPEC meetings: All are welcome to attend.
Restroom opposite the registration counter.

LUNCH in the hotel – Creekside Dining Room

TUESDAY BANQUET:
ESTHERS FOLLIES, 525 East 6th Street at Red River
Lunches @ Creekside Dinning Downstairs

Please bring your lunch tickets for Entry

• Monday Lunch

STARTERS
Tomato Basil Florentine Soup (Vegetarian)
Chopped Romaine Hearts and Spring Mix

ENTREES
Eggplant Parmesan
Grilled Pesto Chicken
Traditional Beef Lasagna
Shrimp Alfredo Over Rotini Pasta

SIDES
Sauteed Zucchini Squash with Sundried Tomatoes & Italian Herbs
Oven Roasted Tuscan Potatoes
Toasted Garlic Bread

DESSERTS
Cheesecake and Tiramisu
Fresh Berries with Whipped Cream

• Tuesday Lunch

STARTERS
Corn Chowder (Vegetarian)
Romaine Hearts and Spring Mix

ENTREES
Cheese Tortellini in a White Wine Sauce
Salisbury Steak with a Mushroom Gravy
Tilapia with a Lemon Dill Buerre Blanc
Chicken & Dumplings

SIDES
Green Beans Almondine
Potatoes Au Gratin
Freshly Baked Rolls and Butter

DESSERTS
Two Pies & Two Cakes
Fresh Berries with Whipped Cream
Fresh Fruit
ICPE Banquet Event
@ Esther’s Follies 525 E. 6th St. @ Red River: 2 Blocks from Hotel

Your Blue Banquet Ticket is needed for Entry

Please arrive at Esther’s Follies by 6:30 pm

- 6:20 -6:30 pm: Arrive at Esther’s Follies
- 6:30 -7:30 pm: Buffet Dinner
  - Barbeque Brisket, Chicken Marsala, Eggplant Lasagne and more ...
  - One prepaid drink coupon for Wine, Beer, Soft-Drink or Coffee
  - Cash Bar on-site for additional purchases
- 7:30 -7:40 pm: SPEC Dissertation & Best Paper Awards
- 7:40 -7:45 pm: Adjourn to Theater for seating
- 8:00 -9:30 pm: SHOW Starts Promptly at 8 pm!
  - Conference Attendees get priority seating in Theater Front
  - Please be seated 15 minutes prior to show-time

Combining a harmonious fusion of magic, comedy, and music to create a unique stage experience like no other! Part contemporary vaudeville, part topical satire, Esther’s follows the funny in Washington, nationwide, around the world and locally in Austin Texas - with political and social satire sketches, musical numbers, and magical illusions! Come prepared for some fast-paced fun!
Program Overview

116 submissions across all conference tracks

- **Main research track attracted 56 (49 full / 7 short) submissions**
  - At least four reviewers per paper
  - 15 full paper accepted (~30 % acceptance rate), 3 short papers
  - Papers with an Industry participation:
    - 14 (25 %) received, 4 (26.6%) accepted,

- **Industry and Experience Track received 18 submissions,**
  - 7 accepted

- **9 Work-in-Progress / Vision Paper Track papers, six tutorials, poster & demo Session, …**

Three Co-Located Workshops
Selected Highlights

Keynotes

- **Todd Austin** *(University of Michigan)*.
  - *Bridging the Moore's Law Performance Gap with Innovation Scaling*

- **Adrian Cockcroft** *(Battery Ventures)*.
  - *Cloud Native Cost Optimization*

SPEC Distinguished Dissertation Award

- **Nadav Amit**
  - *Alleviating Virtualization Bottlenecks*

Poster & Demo Session (19 posters)
Submissions per Region

**Submissions per Region**

- **Americas:** 34%
- **Europe:** 45%
- **APJ:** 18%
- **Transcontinental:** 3%

**Decision per Region**

- **APJ**
  - Accepted: 3
  - Rejected: 7
- **Europe**
  - Accepted: 8
  - Rejected: 17
- **Americas**
  - Accepted: 6
  - Rejected: 13
Submitted Topics

Topics

- Performance measurement and experimental analysis
- Performance modeling and prediction
- Benchmarks - workloads, scenarios and implementations
- Performance methods in software development
- Model-driven performance engineering
- Run-time performance and capacity management
- Performance and power
- All other topics related to performance

Topics per submission

- Avg. 2.1 topics per submission
THANKS

- Very good quality submissions
- Program Committee and Reviewers

ENJOY !!!
TODD AUSTIN

Professor at University of Michigan

Director of Center for Future Architectures Research (C-FAR)

Intel Senior Computer Architect, 96-99


ACM Maurice Wilkes Award 2007

Sloan Research Fellow 2002

CAREER AWARD 2001