

ACM/SPEC ICPE 2015

Welcome to Beautiful Austin Texas



Lady Bird Lake



Zilker Park



**Barton Springs
Pool**



**Bullock Texas
State History
Museum**

ACM/SPEC ICPE 2015

Welcome to Beautiful Austin Texas



**Texas State
Capitol**



**Lyndon Baines
Johnson Library
and Museum**



**Ann W. Richards
Congress
Avenue Bridge**



Lake Austin

ACM/SPEC ICPE 2015

Welcome to Beautiful Austin Texas



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 -930 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

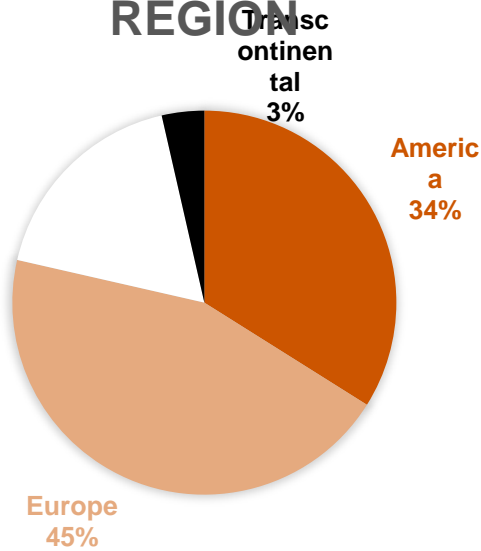
- **Nadav Amit**
 - *Alleviating Virtualization Bottlenecks*

Poster & Demo Session (19 posters)



Submissions per Region

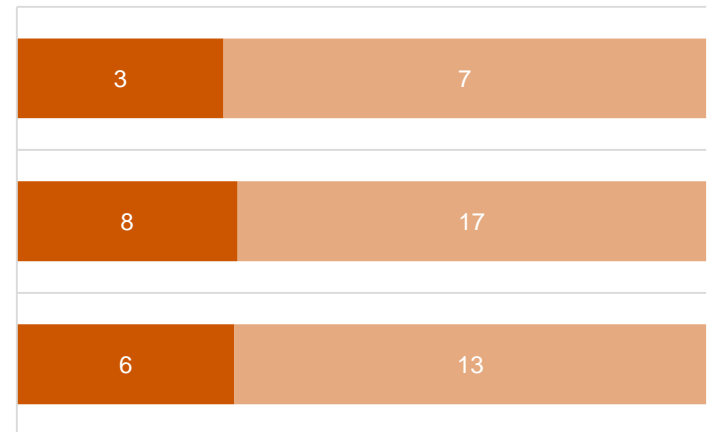
SUBMISSIONS PER REGION



DECISION PER REGION

Accepted Rejected

APJ
EUROPE
AMERICA



Submitted Topics

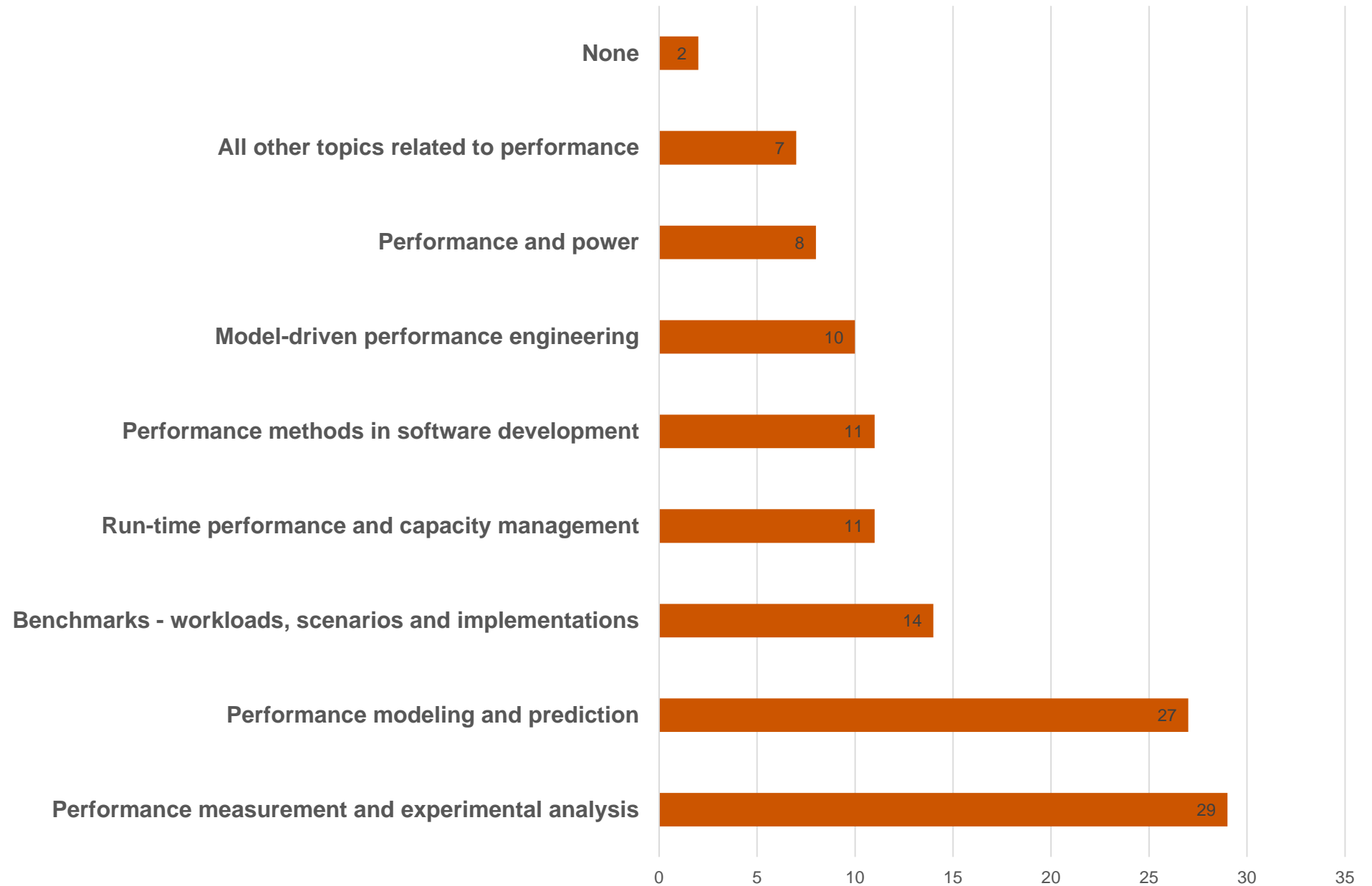
Topics

- 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

Submissions per Topics



THANKS

- **Very good quality submissions**
- **Program Committee and Reviewers**

ENJOY !!!

**6th ACM/SPEC International Conference
on Performance Engineering
ICPE 2015**

Austin, TX, USA — Jan 31–Feb 4



TODD AUSTIN

Professor at University of Michigan

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

Intel Senior Computer Architect, 96-99

**Co-author of Structured Computer Architecture 6th
edition**

ACM Maurice Wilkes Award 2007

Sloan Research Fellow 2002

CAREER AWARD 2001

