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July 18-22, 2016 – Würzburg – Germany

ICAC 2016

The 13th IEEE International Conference on Autonomic Computing
GENERAL CHAIR
Samuel Kounev – University of Würzburg, Germany

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IEEE CONTACTS
Daria Shypova, Conference Planner
Carmen Saliba, Conference Portfolio Manager

July 18-22, 2016 – Würzburg – Germany

The 13th IEEE International Conference on Autonomic Computing
Important Addresses

HUBLAND CAMPUS
(Monday Workshops)
Institut für Informatik
Am Hubland
97074 Würzburg

MARITIM HOTEL & CONGRESS CENTER
(Tuesday Workshops & Main Conference)
Maritim Hotel Würzburg
Pleichertorstraße 5
97070 Würzburg

WELCOME RECEPTION
Rathaus Würzburg
Rückermainstraße 2
97070 Würzburg

SOCIAL EVENT DEPARTURE & RETURN
Schiffstouristik Würzburg
Kranenkai
97070 Würzburg

BANQUET
Residenz Würzburg
Residenzplatz 2
97070 Würzburg

For transport in general please find all necessary information at:

http://icac2016.uni-wuerzburg.de/venue/transport/

July 18-22, 2016 – Würzburg – Germany
ICAC 2016
The 13th IEEE International Conference on Autonomic Computing
Welcome Message from the General Chair

It is our pleasure to welcome you to Würzburg and to the 13th IEEE International Conference on Autonomic Computing (ICAC 2016). In recent years, Würzburg has been recognised as being among the five most dynamic German cities with a long tradition of science and innovation. The University of Würzburg is the fourth oldest institution of higher education in Germany with its roots reaching back as far as 1402. Many eminent scholars and scientists, 14 Nobel Laureates among them, have researched and taught in Würzburg, including Wilhelm Conrad Röntgen, who discovered the X-rays in Würzburg in 1895, and Klaus von Klitzing, discoverer of the Quantum-Hall Effect. It is a great pleasure to host ICAC 2016, the leading conference on autonomic computing, in Würzburg - a city with about 1400 years of history, rich in tradition, innovation and scientific advancement.

Autonomic computing represents a major topic in modern computer science. The ever growing complexity of computing systems in emerging application domains, such as cloud computing or pervasive computing, increasingly challenges the traditional ways software systems are produced and managed. New techniques and approaches are required to allow computer systems to adapt dynamically to internal and external changes while necessitating minimal intervention from human administrators and users. Exploring and enabling such capabilities is the very goal of ICAC, by bringing together researchers with diverse backgrounds and fostering lively, fruitful discussions, exchanges, and collaborations.

Following the established tradition, ICAC 2016 stretches over five days and offers a variety of presentations including keynotes, research papers, posters, demonstrations, and workshops. Many thanks to all authors who have submitted their work at ICAC 2016 and contributed to advancing the field of autonomic computing. This year, we are delighted to host five workshops: Models@run.time 2016, Distributed Adaptive Systems (DAS 2016), Feedback Computing 2016, Self-Organizing Self-Managing Clouds (SOSEMC 2016), Self-Improving System Integration (SISSY 2016), as well as the Annual Meeting of the SPEC 2016, Microsoft and Google, for their generous donations, which helped to make ICAC 2016 a successful conference: Lydia Chen (workshop chair), Daniel Gmach (Proceedings Chair), Stephanie Chollet (Poster and Demo Chair), Christian Becker and Evgenia Smirni (Doctoral Symposium Co-Chairs), Giacomo Cabri, Javier Camara, Nikolas Herbst and Jianguo Yao (Publicity Co-Chairs). Special thanks goes to Lukas Iffländer for his enthusiasm and excellent service as local arrangements and web chair.

The organisation of ICAC 2016 is the result of an intensive effort by a number of people who worked together as a team over the last 10 months. We would like to especially thank the Program Committee Co-Chairs Holger Giese from the Hasso Plattner Institute in Potsdam (Germany) and Jie Liu from Microsoft Research, Redmond (USA) for putting together a strong and balanced technical program. We would like to thank Philippe Lalanda for his continued support and advice throughout the organization effort as well as for serving as Finance Chair. His recent experience as local host of the previous ICAC conference in Grenoble has been invaluable.

We would like to also thank all members of the organization committee for their dedication and commitment to making ICAC 2016 a successful conference: Lydia Chen (workshop chair), Daniel Gmach (Proceedings Chair), Stephanie Chollet (Poster and Demo Chair), Christian Becker and Evgenia Smirni (Doctoral Symposium Co-Chairs), Giacomo Cabri, Javier Camara, Nikolas Herbst and Jianguo Yao (Publicity Co-Chairs). Special thanks goes to Lukas Iffländer for his enthusiasm and excellent service as local arrangements and web chair.

Many thanks also to the ICAC Steering Committee whose members, especially Jeff Kephart, provided continued guidance and support. We would like to thank the IEEE Computer Society and its Technical Committee on the Internet for their sponsorship of ICAC 2016. Special thanks to Daria Shypova – our conference planner from the IEEE Computer Society – for her cooperation and support on all financial and administrative tasks. Thanks also to Lukas Iffländer from VDE - the Association for Electrical, Electronic & Information Technologies – for his invaluable support, especially Jeff Kephart, provided continued guidance and support. We would like to thank the IEEE Computer Society and its Technical Committee on the Internet for their sponsorship of ICAC 2016. Special thanks to Daria Shypova – our conference planner from the IEEE Computer Society – for her cooperation and support on all financial and administrative tasks. Thanks also to Lukas Iffländer from VDE - the Association for Electrical, Electronic & Information Technologies – for his invaluable support with the administrative management of the conference.

Last but not least, we greatly appreciate the cooperation of our technical co-sponsors USENIX and SPEC Research Group, as well as the University of Würzburg as local partner. We would also like to express our appreciation to our patrons and financial sponsors SAP, Huawei, Hewlett Packard Enterprise, IBM, Microsoft and Google, for their generous donations, which helped to make ICAC 2016 a successful event.

We wish all participants a very enjoyable and productive experience at ICAC 2016 in Würzburg.

Samuel Kounev
University of Würzburg
General Chair of ICAC 2016

July 18-22, 2016 – Würzburg – Germany

ICAC 2016
The 13th IEEE International Conference on Autonomic Computing
Conference Location

Venue and Hotel

The main conference as well as the workshops on Tuesday will take place in Maritim Hotel Würzburg and the adjoined conference center „Congress-Centrum“. The hotel is located close to the city center and the train station, also offering parking spots.

The workshops on Monday are located at the „Hubland“ campus of the university. It is located on a hill outside of town, has excellent bus connections and offers a lot of parking spaces.

Room Plan

The hotel conference rooms are located on top at the panorama level of the conference center. Room plans can be found on the next pages. The conference will take place in the combined Rooms 13 and 12. On Tuesday, Room 10 will be used for the coffee breaks; on the conference days this area will be extended to Room 11 to also accommodate the poster session. For the workshops, the rooms will be split. The SISSY Workshop will take place in Room 13, Feedback Computing in Room 12, DAS in Room 11, SOSeMC is placed in Room 5. For the Monday workshops guideposts will show you the way to the conference rooms.

Registration and Information Desk

A registration and information desk is located at the entrance to the panorama level. The desk opens at 8:00 and is open throughout the day. Here, you can always find somebody to help you with any kind of questions. On Monday, the desk can be found next to the entrance to the workshop rooms.

Transport

You can find all information concerning transport at http://icac2016.uni-wuerzburg.de/venue/transport/

Lunch

Lunch will be served at the times marked in the program in the hotel’s restaurant. On Monday lunch will be held in the university canteen. Our colleagues will guide you there.

Welcome Reception

A welcome reception with snacks and drinks will be held at the old town hall on Tuesday at 19:00. See the following page for map and meeting point.

Conference Dinner & Social Event

The conference dinner including a wine tasting will be held at the recidency „Residenz Würzburg“. Before that a boat tour is offered on the river Main. The boat takes off and returns right next to the conference center. From there you will be guided to the residency. For participants skipping the boat tour, it is possible to join at the pier when the boat returns. If you want to walk to the dinner yourself or you are not sure about the departing point of the boat tour, you can find maps on the following pages.

WIFI - Internet

Free WIFI is available both in the conference hotel as well as on the university campus. Vouchers with the corresponding login credentials will be handed out at the registration desk.

July 18-22, 2016 – Würzburg – Germany

ICAC 2016

The 13th IEEE International Conference on Autonomic Computing
Welcome Reception

MEETING POINT

18:30 Entrance of Congress Centrum (Towards the River)
We will guide you to the town hall

19:00 Entrance of Town Hall (Altes Rathaus - Grafeneckart)

PUBLIC TRANSPORT

Instead of walking, you can take the tramway line 4 towards Sanderau directly in front of the Congress Centrum until „Rathaus“. For returning also use line 4 towards Zellerau.

July 18-22, 2016 – Würzburg – Germany
Social Event

MEETING POINT

16:25 Entrance of Congress Centrum (Towards the River)

Boarding:  16:30
Departure: 16:45

Departure Point: Schiffstouristik Würzburg
(Red & yellow kiosk)

July 18-22, 2016 – Würzburg – Germany
MEETING POINTS:

After the boat tour: Approx. 18:45 At the departure point of the tour. From there we will guide you to the Residenz.

At the dinner location:
19:15: At the fountain in front of the Residenz.
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<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
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<tr>
<td>08:30</td>
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<td>08:45 Conference Opening &amp; Keynote 1</td>
<td>09:00 Keynote 3</td>
<td>09:00 Keynote 4</td>
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<tr>
<td>09:00</td>
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<td>10:30</td>
<td>W1</td>
<td>W2</td>
<td>Session 1: Infrastructure for Autonomic Computing</td>
<td>Session 3: Optimizing Clouds</td>
<td>Session 5: Dealing with Uncertainties</td>
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<td>12:30</td>
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<td>14:00</td>
<td>W1</td>
<td>W2</td>
<td>Session 2: Data Parallelism</td>
<td>Session 4: Virtual Machines</td>
<td>Session 6: Measurements and Detections</td>
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<td>14:30</td>
<td>W3</td>
<td>W4</td>
<td>Workshop Summaries 1</td>
<td>Doctoral Symposium</td>
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<td>15:00</td>
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<td>Coffeebreak</td>
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<td>Conference Closing</td>
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<td>16:30</td>
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<td>Workshop Summaries 2</td>
<td>16:30 Social Event</td>
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<td>17:30</td>
<td>Poster and Demo Session</td>
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<td>Welcome Reception</td>
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<td>19:15 Banquet with Wine Tasting</td>
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Monday (At Hubland Campus)

08:30 – 10:00  
Workshops in Parallel

Models@run.time (MRT 2016)  
Annual Meeting of the SPEC RG DevOps Performance Working Group

10:00 – 10:30  
Break

10:30 – 12:30  
Workshops in Parallel

Models@run.time (MRT 2016)  
Annual Meeting of the SPEC RG DevOps Performance Working Group

12:30 – 14:00  
Lunch

14:00 – 16:00  
Workshops in Parallel

Models@run.time (MRT 2016)  
Annual Meeting of the SPEC RG DevOps Performance Working Group

16:00 – 16:30  
Break

16:30 – 18:00  
Workshops in Parallel

Models@run.time (MRT 2016)  
Annual Meeting of the SPEC RG DevOps Performance Working Group
W1: Models@run.time (MRT 2016)

9:00 – 10:00

Keynote: Frederica Darema
InfoSymbioticSystems/DDDAS – Large-Scale Dynamic Data and Large-Scale Big Computing for Smart Systems

10:30 – 12:00

Danny Weyns and Muhammad Usman Iftikhar
Model-based simulation at runtime for self-adaptive systems
Thomas Gabor, Lenz Belzner, Marie Kiermeier, Michael Till Beck and Alexander Neitz
A Simulation-Based Architecture for Smart Cyber-Physical Systems

14:00 – 16:00

Tobias Jäkel, Martin Weißbach, Kai Herrmann, Hannes Voigt and Max Leuthäuser
Runtime Model for Role-based Software Systems.

16:30 – 18:00:
Panel „The Role of Models@run.time in Self-aware Computing Systems“

W2: SPEC RG DevOps Performance Working Group Anual Meeting

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ICAC 2016
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Tuesday

08:00 – 09:00
Registration

09:00 – 10:00 Chair: Samuel Kounev
Keynote 1: Klaus Schilling: ROSETTA: The Challenge of Escorting a Comet and Landing on Its Surface

10:00 – 10:30
Break

10:30 – 12:30
Workshops in Parallel

Distributed Adaptive Systems (DAS 2016)
Self-Improving System Integration (SISSY 2016)
Feedback Computing (FC 2016)
Self Organizing Self Managing Clouds (SOSeMC 2016)

12:30 – 14:00
Lunch

14:00 – 16:00
Workshops in Parallel

Distributed Adaptive Systems (DAS 2016)
Self-Improving System Integration (SISSY 2016)
Feedback Computing (FC 2016)

16:00 – 16:30
Break

16:30 – 18:00
Workshops in Parallel

Self-Improving System Integration (SISSY 2016)
Feedback Computing (FC 2016)

19:00 – 21:00
ICAC Welcome Reception

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The 13th IEEE International Conference on Autonomic Computing
Room Plan (Tuesday Workshops)

July 18-22, 2016 – Würzburg – Germany

ICAC 2016

The 13th IEEE International Conference on Autonomic Computing
09:00 – 10:00
Keynote 1: Klaus Schilling: ROSETTA: The Challenge of Escorting a Comet and Landing on Its Surface

10:30 – 10:40
Workshop opening

10:40 – 11:05
Lazlso Zsolt Varga
Benefit of Online Real-time Data in the Braess Paradox with Anticipatory Routing

11:05 – 11:30
Vidyasagar Sadhu, Gabriel Salles-Loustau, Dario Pompili, Saman Zonouz, Vincent Sritapan
Argus: Smartphone-enabled Human Cooperation via Multi-Agent Reinforcement Learning for Disaster Situational Awareness

11:30 – 11:55
Hariharasudhan Viswanathan, Parul Pandey, and Dario Pompili
Maestro: Orchestrating Concurrent Application Workflows in Mobile Device Clouds

11:55 – 12:20
Thomas Preisler, Tim Dethlefs and Wolfgang Renz
Structural Adaptations of Decentralized Coordination Processes in Self-Organizing Systems

12:20 – 12:30
Workshop discussion and closing
W4: Self-Improving System Integration (SISSY 2016)

09:00 – 10:00
Keynote 1: Klaus Schilling: ROSETTA: The Challenge of Escorting a Comet and Landing on Its Surface

10:30 – 10:45
Welcome / Workshop Organisation. Kirstie Bellman / Sven Tomforde / Rolf Würtz

10:45 – 11:30
Ada Diaconescu (Telecom Paris-Tech, FR)
Keynote: Goal-oriented Holonic Architectures for Complex Socio-technical Systems

11:30 – 12:00
Stefan Rudolph (Uni Augsburg, DE)
An Organic Computing Perspective on Self-Improving System Interweaving at Runtime

12:00 – 12:30
Martin Jänicke (Uni Kassel, DE)
Towards Self-Improving Activity Recognition Systems based on Probabilistic, Generative Models

14:00 – 14:30
Shuai Wang (Uni Amsterdam, NL)
Towards Dynamic Epistemic Learning of Actions for Self-improving Agents and Multi-agent Systems

14:30 – 15:00
Matthias Sommer (Uni Augsburg, DE)
Predictive Load Balancing in Cloud Computing Environments based on Ensemble Forecasting

15:00 – 15:30
Christian Krupitzer (Uni Mannheim, DE)
Comparison of Approaches for Self-Improvement in Self-adaptive Systems

15:30 – 16:00
Bernhard Sick (Uni Kassel, DE)
Lifelong Learning and Collaboration of Smart Technical Systems in Open-Ended Environments – Opportunistic Collaborative Interactive Learning

16:30 – 17:00
Jan Kantert (Uni Hannover, DE)
Improving Reliability and Reducing Overhead in Low-Power Sensor Networks using Trust and Forgiveness

17:00 – 17:30
Christopher Landauer (Topcy, US)
Model-Based Cooperative System Engineering and Integration

17:30 – 18:00
Discussion

18:00
Closing Remarks

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ICAC 2016
The 13th IEEE International Conference on Autonomic Computing
W5: Feedback Computing 2016

09:00 – 10:00
Keynote 1: Klaus Schilling: ROSETTA: The Challenge of Escorting a Comet and Landing on Its Surface

10:30 – 10:40
Greeting from the Chairs

10:40 – 11:30
Bruno Sinopoli, Carnegie Mellon University
A Control-Theoretic Approach for Dynamic Adaptive Video Streaming over HTTP

11:30 – 11:50
K. Peng and C. T. Morrison, University of Arizona
Model Predictive Prior Reinforcement Learning for a Heat Pump Thermostat

11:50 – 12:10
K. Kiriakidis, T. Severson and B. Connett, United States Naval Academy
Detecting and Isolating Attacks of Deception in Networked Control Systems

12:10 – 14:00
Breakout Groups Also during Lunch

14:00 – 14:50
Niklas Karlsson, AOL Platforms
Modeling and Control of Online Advertising

14:50 – 15:10
D. Singh and S. Krishna Ps and R. Pasumarthy, IIT MADRAS
Modeling and Performance management of a Virtualized Web-server

15:10 – 16:00
Panel and Summary of Breakout Sessions

16:30 – 17:20
Mark Squillante, IBM Research
Optimal Feedback Control of Computing Systems under Uncertainty

17:20 – 17:40
S. Zhang and J. Yao, Shanghai Jiao Tong University
Multi-Resource Scheduling with Consideration of Differential Services in Multi-Tenant Sharing

17:40 – 18:00
S. Cerf, M. Berekmeri, B. Robu, N. Marchand and S. Bouchenak, GIPSA lab & INSA Lyon
Adaptive Optimal Control of MapReduce Performance, Availability and Costs

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The 13th IEEE International Conference on Autonomic Computing
09:00 – 10:00
Keynote 1: Klaus Schilling: ROSETTA: The Challenge of Escorting a Comet and Landing on Its Surface

10:30 – 11:00
Daniel Pop, Gabriel Iuhasz, Ciprian Craciun, Silviu Panica
MODAClouds Energizer 4Clouds, a multi-cloud runtime environment

11:00 – 11:30
Emiliano Casalicchio, Lars Lundberg, Sogand Shirinbab
Optimal adaption for Apache Cassandra

11:30 – 12:00
Arnak Poghosyan, Ashot Harutyunyan, Naira Grigoryan
Managing Cloud Infrastructures by a Multi-Layer Data Analytics

12:00 – 12:30
Luca Florio, Elisabetta Di Nitto
Gru: an Approach to Introduce Decentralized Autonomic Behavior in Microservices Architectures

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ICAC 2016
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08:00 – 08:45  
Registration

08:45 – 09:00  
Conference Opening

09:00 – 10:00 Chair: Holger Giese  

10:00 – 10:30  
Break

10:30 – 12:30  
Session 1: Infrastructure for Autonomic Computing - Chair: Christopher Stewart

- Wei Zhang, Timothy Wood, and Jinho Hwang  
  **NetKV: Scalable, Self-Managing, Load Balancing as a Network Function**  
- Christian Krupitzer, Felix Maximilian Roth, Christian Becker, et. al.  
  **FESAS IDE: An Integrated Development Environment for Autonomic Computing**  
- Nasim Beigi-Mohammadi, Hamzeh Khazaei, Mark Shtern, Cornel Barna, and Marin Litoiu  
  **On Efficiency and Scalability of Software-Defined Infrastructure for Adaptive Applications**  
- Quan Zhang, Yang Song, Ramani R. Routray, and Weisong Shi  
  **Adaptive Block and Batch Sizing for Batched Stream Processing System**

12:30 – 14:00  
Lunch

14:00 – 15:30  
Session 2: Data Parallelism - Chair: Robert Birke

- Guoyao Xu, Cheng-Zhong Xu, and Song Jiang  
  **Prophet: Scheduling Executors with Time-Varying Resource Demands on Data-Parallel Computation Frameworks**  
- Gil Jae Lee and José A. B. Fortes  
  **Hadoop Performance Self-Tuning Using a Fuzzy-Prediction Approach**  
- Nikos Zacheilas and Vana Kalogeraki  
  **ChEsS: Cost-Effective Scheduling Across Multiple Heterogeneous Mapreduce Clusters**

15:30 – 16:00  
Workshop Summaries 1

- **Das**, Giacomo Cabri
- **SOSeMC**, Ioan Dragan

16:00 – 16:30  
Break

16:30 – 17:30  
Workshop Summaries 2

- **Feedback Computing**, Martina Maggio and Christopher Stewart
- **Models@run.time**, Kirstie L. Bellman
- **SISSY**, Sven Tomforde and Rolf Würtz

17:30 – 19:00  
Poster and Demo Session

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**July 18-22, 2016 – Würzburg – Germany**

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**ICAC 2016**

The 13th IEEE International Conference on Autonomic Computing
Thursday

08:00 – 09:00
Registration

09:00 – 10:00 Chair: Jeff Kephart
Keynote 3: Dr. Yixin Diao: Building Autonomic Systems for IT Service Management

10:00 – 10:30
Break

10:30 – 12:40
Session 3: Optimizing Clouds - Chair: Kirstie Bellman

- A. Hasan Mahmud and S. S. Iyengar
  **A Distributed Framework for Carbon and Cost Aware Geographical Job Scheduling in a Hybrid Data Center Infrastructure**
- Selome Kostentinos Tesfatsion, Eddie Wadbro, and Johan Tordsson
  **Autonomic Resource Management for Optimized Power and Performance in Multi-tenant Clouds**
- Cheng Wang, Bhuvan Urgaonkar, Aayush Gupta, Lydia Y. Chen, Robert Birke, and George Kesidis
  **Effective Capacity Modulation as an Explicit Control Knob for Public Cloud Profitability**
- Asser N. Tantawi
  **Solution Biasing for Optimized Cloud Workload Placement**
- Igor Kaitovic and Miroslaw Malek
  **Optimizing Failure Prediction to Maximize Availability**

12:40 – 14:00
Lunch

14:00 – 15:00
Session 4: Virtual Machines - Chair: Tim Wood

- Navaneeth Rameshan, Ying Liu, Leandro Navarro, and Vladimir Vlassov
  **Augmenting Elasticity Controllers for Improved Accuracy**
- Jidong Xiao, Lei Lu, Haining Wang, and Xiaoyun Zhu
  **HyperLink: Virtual Machine Introspection and Memory Forensic Analysis without Kernel**

15:00 – 16:00 Chair: Christian Becker
Doctoral Symposium

- Rania Ben Hadj, Stéphanie Chollet, Philippe Lalanda, and Catherine Hamon
  **Sharing Devices between Applications with Autonomic Conflict Management**
- Eva Gerbert-Gaillard and Philippe Lalanda
  **Self-Aware Model-Driven Pervasive Systems**

16:00 – 16:25
Break

16:25 – 19:00
Social Event

19:15 – 22:00
Banquet with Wine Tasting

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ICAC 2016

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Friday

09:00 – 10:00 Chair: Hartmut Schmeck
   Keynote 4: Karl H. Johansson: Cyber-Physical Control of Road Freight Transport
10:00 – 10:30
   Break
10:30 – 12:40
   Session 5: Dealing with Uncertainties - Chair: Dario Pompili
      Jan Kantert, Christian Reinbold, Sven Tomforde, and Christian Müller-Schloer
      An Evaluation of Two Trust-Based Autonomic/Organic Grid Computing Systems for
      Volunteer-Based Distributed Rendering
      Gabriel A. Moreno, Javier Cámara, David Garlan, and Bradley Schmerl
      Efficient Decision-Making under Uncertainty for Proactive Self-Adaptation
      Stefano Iannucci and Sherif Abdelwahed
      A Probabilistic Approach to Autonomic Security Management
      Anthony Stein, Sven Tomforde, Dominik Rauh, and Jörg Häehner
      Dealing with Unforeseen Situations in the Context of Self-Adaptive Urban Traffic
      Control: How to Bridge the Gap (short)
      Nathaniel Morris, Siva Meenakshi Renganathan, Christopher Stewart, Robert Birke, and Lydia Chen
      Sprint Ability: How Well Does Your Software Exploit Bursts in Processing Capacity?
12:40 – 14:00
   Lunch
14:00 – 16:00
   Session 6: Measurements and Detections - Chair: Sherif Abdelwahed
      Jaimie Kelley, Christopher Stewart, Devesh Tiwari, and Saurabh Gupta
      Adaptive Power Profiling for Many-Core HPC Architectures
      Naweiluo Zhou, Gwenaël Delaval, Bogdan Robu, Eric Rutten, and Jean-François Méhaut
      Autonomic Parallelism and Thread Mapping Control on Software Transactional Memory
      Hongteng Xu, Xia Ning, Hui Zhang, Junghwan Rhee, and Guofei Jiang
      PINfer: Learning to Infer Concurrent Request Paths from System Kernel Events
      Mohammad-Parsa Hosseini, Abolfazl Hajisami, and Dario Pompili
      Real-Time Epileptic Seizure Detection from EEG Signals via Random Subspace Ensemble Learning
16:00 – 16:30
   Conference Closing

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