

## GENERAL CHAIR

Christoph Meinel  
*Hasso Plattner Institute*

## PROGRAM CHAIR

Andreas Polze  
*Hasso Plattner Institute*

## ORGANIZING COMMITTEE

Helge Gose  
*SAP Innovation Center*

Hendrik Graupner  
*Hasso Plattner Institute*

## PROGRAM COMMITTEE

Martin Heisig  
*SAP*

Bernhard Schulzki  
*EMC*

Christian Frank  
*Hewlett-Packard*

Jürgen Schrage  
*Fujitsu*

Jörg Nolte  
*BTU Cottbus*

Frank Bellosa  
*Karlsruhe Institute of Technology*

Alexander Schmidt  
*Microsoft*

The Hasso Plattner Institute (HPI) invites for the third time to the yearly scientific symposium on the topic "Operating the Cloud". HPI's FutureSOC Lab is a high performance IT infrastructure powered by its industrial partners EMC<sup>2</sup>, HP, Fujitsu and SAP. It provides a free-of-charge platform for related research. Hence, it is the adequate environment to host this event.

Cloud computing is experiencing a growth in attention world-wide. The necessity emerges from ever increasing amounts of data that have to be stored and computed by companies of almost any area of business. Additionally, even in our daily private lives we utilize cloud services to synchronize files, keep track of our appointments, etc. However, we are still observing a gap between results of academic research and practical implementations cloud operators use. It is our goal to provide a persistent platform for representatives of academia and industry to bridge this gap.

The symposium aims to connect industry and academia by inviting speakers and calling for paper presentations. On this occasion we seek for research papers and practitioners' reports in the fields of operating, administrating, and utilizing cloud systems. Please submit your contribution to the electronic submission system we use (see Links). Accepted submissions will be presented at the symposium in Potsdam. "Operating the Cloud" aims to present a versatile compilation of talks which allow a deep exchange of experience and knowledge.

## TOPICS

The program committee looks for submissions in the field of cloud computing. Work in progress reports are explicitly welcome. Potential topics may be but are not limited to:

- Cloud-ilities: Scalability, availability, reliability, elasticity
- Security and safety in the cloud
- Big data computation in clouds
- Resource management in clouds
- Tenant placement in clouds
- Hybrid Cloud solutions
- Cloud system and performance optimization
- Cloud-related legal issues

## SUBMISSION GUIDELINES

The program committee welcomes submissions of high quality research papers and practitioners' reports written in English and conforming to the IEEE (double-column) conference style. Submissions should not exceed six pages (including references, figures, and tables) and must not be published yet. Please upload your submission(s) in PDF format to the symposium's electronic submission system (see Links).

Authors of accepted papers will be invited to present their work at the symposium. Student and PhD student authors are eligible to apply for compensation of travel expenses. All accepted papers will be published as a technical report by the HPI after the event.

## TIMETABLE

Paper submission	October 1 <sup>st</sup> , 2015
<b>Paper submission (extended)</b>	<b>October 8<sup>th</sup>, 2015</b>
Author notification	October 15 <sup>th</sup> , 2015
Camera-ready version	October 28 <sup>th</sup> , 2015
Scientific symposium	November 3 <sup>rd</sup> , 2015

## LINKS

Website  
E-mail  
Paper submissions

<https://hpi.de/cloud-symposium>  
[cloud-symposium@hpi.de](mailto:cloud-symposium@hpi.de)  
<https://easychair.org/conferences?conf=otc2015>



Supported by

**bitkom**