Stefan Kolb Christian Sturm

# **ZEUS 2019**

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#### Preface

In February 2019, we had the pleasure to organize the 11<sup>th</sup> edition of the ZEUS Workshop in Bayreuth, Germany. This workshop series offers young researchers an opportunity to present and discuss early ideas and work in progress as well as to establish contacts among young researchers. For this year's edition, we selected four regular submissions, eight position papers, and one tool demonstration for presentation at the workshop. Each submission went through a thorough peer-review process and was assessed by at least four members of the program committee with regard to its relevance and scientific quality. The accepted contributions cover the areas of Business Process Management, Cloud Computing, Microservices, Software Design, and the Internet of Things.

The workshop program was further enriched by keynotes from both academia and the industry. Dr. Simon Harrer and Tammo van Lessen from innoQ Deutschland GmbH gave a talk about Kubernetes with the title *One Kubernetes to Rule Them All.* Dr. Stefan Schönig, from the University of Bayreuth, presented his research on *IoT-based Process Management*. Finally, Michael Bauer from dynamic commerce GmbH shared their experiences on a modern *Software Architecture of an e-Commerce System*. The best presentation award was given to Sven Ihde from the Hasso Plattner Institute Potsdam, for his presentation of the paper *Towards Dynamic Resource Management in Business Processes*.

The workshop was generously sponsored by innoQ Deutschland GmbH and SAP SE.

Bayreuth, February 2019

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