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In February 2018, we had the pleasure to organize the 10th edition of the ZEUS Workshop in Dresden, 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 eight regular submissions, two position papers, and one tool demonstration by researchers from Belgium, Egypt, Germany, Italy, and Switzerland for presentation at the workshop. Each submission went through a thorough peer-review process and was assessed by at least three members of the program committee with regard to its relevance and scientific quality. The accepted contributions cover the areas of Microservices, Business Process Management, and the Internet of Things. In addition, the workshop also hosted a tool session to introduce early stage researchers to tools that ease the literature research and the documentation of architectural decisions for software systems.

The workshop program was further enriched by a keynote held by Prof. Dr. Gerhard P. Fettweis on the topic 5G mobile service – first steps of the era after IoT to Tactile Internet. Furthermore, the workshop participants were invited to visit the Industrial Internet of Things Test Bed at University of Applied Sciences in Dresden, the Blockchain Meetup Saxony at SAP Dresden, and the Volkswagen Transparent Factory. The best presentation award was given to Justus Bogner from the Herman Hollerith Center Böblingen, for his presentation of the paper Analyzing the Relevance of SOA Patterns for Microservice-Based Systems.

The workshop was generously sponsored by SAP SE.

Dresden, February 2018

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