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ZEUS 2024

16th ZEUS Workshop, ZEUS 2024,
Ulm, Germany, 29 February–1 March 2024
Proceedings

Volume Editors

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Preface

In February/March 2024, we had the pleasure to organize the 16th edition of the ZEUS Workshop planned in Ulm, Germany. This time, the workshop was held on-site again, giving us the chance to meet and discuss up-to-date research in person. We would like to thank all reviewers a lot for their work and ongoing support.

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 all ten submissions 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 Business Process Management, Cloud Computing, Microservices, Software Design, Internet of Things and Artificial Intelligence. The workshop program was further enriched by keynotes from both academia and the industry. Tobias Arnold from SCHUTZWERK GmbH, Ulm, presented common threats emerging from different attacks using social engineering (title of the talk: *Social Engineering - Human Factors as the Weakest Link in the Chain*). Manfred Reichert from Ulm University, Institute of Databases and Information Systems, gave a talk about *From Activity- to Object-centric Business Process Support: Challenges, Technologies, Applications*. The third keynote was given by Philipp Hehnle from envite consulting GmbH, Stuttgart. He presented insights on *Carbon-Aware Process Execution for Green Business Process Management*. Also, he received the best presentation award for his research paper with the title *Towards the Usage of Object-Aware Process Variants in Multiple Autonomous Organisations*.

Lastly, we would like to thank Lisa Arnold and Marius Breitmayer from Ulm University to host this year's edition of ZEUS.

The workshop was generously sponsored by Camunda Services GmbH, Digital Solution Architecture GmbH, envite consulting GmbH, Transferzentrum für Digitalisierung, Analytics Data Science Ulm (DASU), and Institute of Databases and Information Systems, Ulm University (DBIS).

Ulm, February 2024   Sebastian Böhm

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