

BPM 2023 Dissertation Award, Doctoral Consortium, and Demonstration & Resources Forum: Preface

This volume contains the papers presented at the Dissertation Award, Doctoral Consortium, and Demonstration & Resources Forum at the 21st International Conference on Business Process Management (BPM 2023), organized by Utrecht University and the University of Applied Sciences Utrecht, The Netherlands.

The Dissertation Award demonstrates the excellence and innovative power of young BPM researchers. Eligible as candidates have been all dissertations that have been officially completed after January 1, 2022. The winner receives the award at the BPM Conference 2023 in Utrecht, The Netherlands. The award is connected with a prize of EUR 1,000 and a free registration for the conference. The winner is also offered the option to publish the dissertation thesis in Springer's LNBIP series.

The Doctoral Consortium pursues the objectives to provide valuable feedback and guidance to PhD students from experienced researchers as well as to promote the development of a community of scholars including both peers and mentors for future careers. Each of the received submissions has been evaluated by several senior researchers. As a result of the selection process, seven of the students' research proposals were accepted. The topics covered by these proposals include trusted process execution environments, process mining with a focus on uncertainty, the cost dimension and agent-based models, decision mining, robotic process automation, and reuse of low-code automation artifacts. The PhD students and senior researchers discuss the respective PhD project regarding its methodology, its technical aspects, and its relation to the general field of BPM. After a keynote talk by Jan-Erik van der Linden participants share their experiences on the challenges of doing a PhD project and working in the field of BPM.

The Demonstration & Resources Forum intends to showcase innovative BPM tools, services, and applications, as well as datasets, taxonomies, labelled event logs, and annotated corpora alike that may originate from academic initiatives or industry endeavors. As it is typical for the track, the focus on the data-driven analysis of processes and process design & modeling is accompanied by emerging new fields of investigation, such as data-aware event log generation, uncertainty-aware and IoT-enriched event logs, conversational process mining approaches and monetary assessment of processes. The works show the commitment of the BPM community to actionable solutions for industry and academic peers alike, as in the tradition of the track.

The organizers of the Dissertation Award, Doctoral Consortium, and Demonstration & Resources Forums would like to express their gratitude to all individuals, institutions, and sponsors that supported BPM 2023. A special thanks goes to all members of the committees who contributed to make the tracks a success.

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