

BPM 2022 Dissertation Award, Doctoral Consortium, and Demonstration & Resources Track: Preface

This volume contains the papers presented at the Dissertation Award, Doctoral Consortium, and Demonstration & Resources tracks of the 20th International Conference on Business Process Management (BPM 2022), organized by the European Research Center for Information Systems (ERCIS) at the Westfälische Wilhelms-Universität Münster, Münster, Germany.

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, 2021. The winner receives the award at the BPM Conference 2022 in Münster, Germany. 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, eight of the students' research proposals were accepted. The topics covered by these proposals include process innovation, process mining, process monitoring, representation learning, robotic process automation, and workarounds. The PhD students and senior researchers discuss the respective PhD project, its methodology, and its technical aspects. The challenges of doing a PhD project in BPM are tackled and experiences are shared.

The Demonstration & Resources track 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 event log generation with concept drift, human-in-the-loop AB testing, monetary assessment of processes, blockchain-based process execution, and augmented reality process guidance. 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 Track would like to express their gratitude to all individuals, institutions, and sponsors that supported BPM 2022. A special thanks goes to all members of the committees who contributed to make the tracks a success.

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