

BPM 2021

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 19th International Conference on Business Process Management (BPM 2021), organized by the Sapienza Università di Roma, Rome, Italy.

The Best BPM 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, 2020. The winner receives the award at the BPM Conference 2021 in Rome, Italy. 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 have been evaluated by several senior researchers. As a result of the selection process, eleven of the students' research proposals were accepted. The topics covered by these proposals include a causal approach to prescriptive process monitoring, integrating explainable machine learning and predictive process monitoring, and interactive resolution and prevention of inconsistencies in business rule management. 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 is intended 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 endeavours. As usual for the track, the focus on the data-driven analysis of processes is accompanied by emerging new fields of investigation, such as logging blockchain data for process mining, analyzing human habits through process discovery and innovative means for resource allocation in business processes. The works show the support 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 2021. A special word goes to all members of the committees who contributed to make the tracks a success.

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September 2021, Rome

Wil van der Aalst
Remco Dijkman
Akhil Kumar
Francesco Leotta
Fabrizio Maria Maggi
Jan Mendling
Brian Pentland
Arik Senderovich
Marcos Sepúlveda
Estefanía Serral Asensio
Mathias Weske

Organisation

Dissertation Award

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Mathias Weske	HPI University of Potsdam, Germany

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