BPM 2020
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 18th International Conference on Business Process Management (BPM 2020), organized by the University of Seville, Spain.

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 01 January 2019. The winner receives the award at the BPM Conference 2020 in Sevilla, Spain. 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 four senior researchers. As a result of the selection process, three of the students' research proposals were accepted. The topics covered by these proposals include the application of ontology-based techniques to support large companies in dealing with cross-application business processes, the extraction of process models from natural language text, and the application of blockchain technologies in the wind industry to automate (cross-organizational) business processes. Around these topics, the PhD students and senior researchers work in small groups to discuss on 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. This edition has been the first one extending the range of submissions from sole demos to resources too. As usual for the track, the focus on the data-driven analysis of processes is accompanied by emerging new fields of investigation, such as robotic process automation, privacy-preserving data treatment and innovative means for process exploration and specification. 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 individ-

uals, institutions, and sponsors that supported BPM 2020. A special word goes to all members of the committees who contributed to make the tracks a success.

September 2020, Seville

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Jan vom Brocke
Marco Comuzzi
Claudio Di Ciccio
Félix García
Akhil Kumar
Jan Mendling
Brian Pentland
Luise Pufahl
Manfred Reichert
Mathias Weske

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