

BPM 2025 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 23rd International Conference on Business Process Management (BPM 2025), organized by the University of Seville, Spain.

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, 2024. The winner receives the award at the BPM Conference 2025 in Seville, 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 intends to provide PhD students with valuable feedback and helpful guidance from experienced researchers as well as promote the development of a community of scholars, including both peers and mentors for future careers. This year's DC received an remarkably high number of submissions, which were each reviewed by two senior researchers. As a result of the review process, we were happy that we could accept 19 research proposals for presentation at the DC. These proposals cover a range of topics, covering all aspects of BPM research. Foundational topics covered stochastic process mining and modeling beyond control-flow aspects. Engineering-related topics included, among others, predictive process monitoring, process mining in healthcare, and simulation. Management topics ranged from the impact of process mining tools to the role of visualizations. At the DC, PhD students have the chance to discuss their proposals with senior researchers to get advice on the individual proposal as well as their overall career.

The Demonstration & Resources Forum at BPM 2025 presents 21 contributions that showcase innovative tools, services, datasets, and resources connecting research and practice in business process management. Organized into five clusters, the program features AI and conversational interfaces for modeling and simulation, advanced process mining and event data tools, visualization and analytics for decision support, declarative and compliance-focused approaches, and environment, IoT, and context-aware solutions.

The organizers of the Dissertation Award, Doctoral Consortium, Demonstration & Resources Forums would like to express their gratitude to all individuals, institutions, and sponsors that supported BPM 2025. A special thanks goes to all members of the committees who contributed to make the tracks a success.

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Hajo Reijers
Andrea Marella
Adela del Río Ortega
Stefanie Rinderle-Ma
Benoît Depaire
Jana-Rebecca Rehse
Flavia Santoro
Francesca Zerbato
Alfonso Eduardo Marquez-Chamorro
Iris Beerepoot
Simone Agostinelli
Johannes De Smedt