

# International Workshop on BPM Problems to Solve Before We Die (PROBLEMS '21): Preface

This volume contains the papers presented at the International Workshop on BPM Problems to Solve Before We Die (PROBLEMS '21), co-located with the 19th International Conference on Business Process Management (BPM 2021) on September 6, 2021.

The goal of the PROBLEMS '21 workshop is to identify major open problems in Business Process Management (BPM) research that need to be addressed, due to their prominence, complexity, groundbreaking nature, or gain that their solution would bring to the whole community. During the workshop, we assumed an ex-post situation in which each of the problems accepted for the workshop had already been solved. Thereupon we discussed in an interactive mode, new algorithms, techniques, tools, and methodologies that could build upon the solution to that problem.

Each submission was reviewed by at least 3 program committee members. The PROBLEMS '21 workshop received a total of 25 submissions, out of which the top 9 contributions were accepted for publication.

The papers revolve around diverse areas of BPM, including event log data quality, provenance and analysis, process modelling, simulation and design, and value creation and integration. The introductory paper “The Biggest Business Process Management Problems of Our Time” provides an overview and categorisation of the contributions that follow. We hope the reading of these proceedings will be inspiring and spark new ideas for the research avenues to come in Business Process Management and beyond.

To conclude, we would like to express our gratitude to all authors and members of the program committee who contributed to make this event a success.

September 2021, Rome

Iris Beerepoot  
Claudio Di Ciccio  
Andrea Marrella  
Hajo A. Reijers  
Stefanie Rinderle-Ma  
Barbara Weber

# Organisation

## BPM Workshop Chairs

Andrea Marrella	Sapienza University of Rome, Italy
Barbara Weber	University of St. Gallen, Switzerland

## PROBLEMS '21 Workshop Organisers

Iris Beerepoot	Utrecht University, Netherlands
Claudio Di Ciccio	Sapienza University of Rome, Italy
Hajo A. Reijers	Utrecht University, Netherlands
Stefanie Rinderle-Ma	Technical University of Munich, Germany

## Program Committee

Adela Del Río Ortega	University of Seville, Spain
Chiara Di Francescomarino	Fondazione Bruno Kessler-IRST, Italy
Marta Indulska	The University of Queensland, Australia
Henrik Leopold	Kühne Logistics University, Germany
Jan Mendling	Humboldt-Universität zu Berlin, Germany
Artem Polyvyanyy	The University of Melbourne, Australia
Jan Recker	University of Hamburg, Germany
Manfred Reichert	University of Ulm, Germany
Estefanía Serral	Katholieke Universiteit Leuven, Belgium
Victoria Torres	Universitat Politècnica de València, Spain
Inge van de Weerd	Utrecht University, Netherlands
Han van der Aa	University of Mannheim, Germany
Irene Vanderfeesten	Open University of the Netherlands, Netherlands
Barbara Weber	University of St. Gallen, Switzerland
Ingo Weber	TU Berlin, Germany

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