Preface

Workshops and Work-in-Progress Contributions
at S-BPM ONE 2018

Ever since it has been established more than 10 years ago, S-BPM ONE has been a venue where scientists and practitioners met and jointly discussed novel concepts and experiences in an interactive, open setting. At the tenth anniversary of S-BPM ONE, we take this tradition to a new level. For the first time, S-BPM ONE offers workshops to discuss new application areas of subject-orientation in both, academia and industry.

This volume collects all scientific contributions to the workshops at S-BPM ONE 2018. During the conference, they are presented and discussed jointly with practitioners' contributions in a series of interactive half-day workshops.

The workshop on "*Digitalization: Knowledge Work, Learning, and Industry 4.0*" has been proposed by Christian Stary and Georg Weichhart. It was designed to collect findings and experiences from digitalization projects. Such projects require a body of socio-technical techniques and tools to manage disruptive interventions and processes for project-participants with heterogeneous backgrounds. One of the latest developments, cyber-physical systems require the vertical and horizontal process integration of processes, in order to support organizational goals by digital means, as these developments aim for servitization and industrial re-engineering at the same time. As such, they trigger learning processes involving stakeholders from various professions and work areas. Their knowledge needs to be recognized, elicited, and shared in novel ways.

The workshop on "*Subject-oriented BPM for Community Support*" has been proposed by Stijn Hoppenbrouwers, Alexander Nolte and Stefan Oppl. It strives to develop an understanding of how human-centric approaches to business process management can be used to support communities pursuing a particular, shared aim during the different phases of their operation. Communities can be formally established with clear, externally motivated aims or emerge informally from a group of like-minded people. They can operate based on loosely coupled interaction or tightly interwoven collaborative work practices. Such diverse communities require different facilitation settings and supporting instruments, which need to be deployed dynamically according to the needs of the participants. Subject-oriented and human-centric BPM instruments can offer structural and behavioural support when operating in or transitioning between different forms of communities. As such, they could be used to offer guidance during early phases of community building, document learnings and identify room for improvement, as well as perpetuate developed practices in settings with dynamically changing participants.

These two workshops have received contributions from scientific and practitioner communities. The former are included in this volume. The workshop "*Towards Common Process Understanding in Collective Welfare*" offers a practice-oriented forum to discuss potential synergies between subject-oriented process management processes and the collective welfare economy concept. Although collective welfare and the de-

velopment of common goods are well shared concepts, role-specific behavior descriptions could be used to explain more accurately underlying systems and development processes. Respective representations could enclose theories like complex adaptive systems, emergence or evolutionary dynamics, as we can take some concepts from information and social sciences for deriving in-depth understanding of the behavior of involved entities. Also, we could understand societal development like a System-of-Systems in where its stakeholders strive for a common welfare and the equilibrium of the system of which they are members. The workshop has been proposed by Wolfgang Hofkirchner, Manfred Blachfellner and Christian Stary and is not included in this volume, as it has not received submissions from the scientific community.

Each submission to the workshops has been reviewed by at least three members of the joint international programme committee:

- Jörg Becker
- Stefanie Betz
- Cristina Cabanillas
- Anke Dittmar
- Udo Kannengiesser
- Stefan Koch
- Agnes Koschmider
- Florian Krenn
- Christian Huemer
- Stijn Hoppenbrouwers
- Ebba Hvannberg
- Matthias Neubauer
- Alexander Nolte
- Thomas Schaller
- Christian Stary
- Florian Strecker
- Nikolas Vidakis
- Marco Winckler

Overall 12 contributions were submitted to the workshops. After the review process, 6 scientific contributions were accepted as full workshop papers (3 per workshop), one was accepted as a work-in-progress contribution and one was accepted for a poster presentation and is included in this volume as an abstract.

We would like to thank the workshop organizers, the authors, and the members of the programme committee for contributing to the success of S-BPM ONE workshop track.

Stefan Oppl
S-BPM ONE 2018 Workshop Chair