

6th Workshop on Business Process Management and Requirements Engineering (REBPM) for Digital Agility and Innovation

in conjunction with the 34th International Conference on Advanced Information Systems Engineering (CAiSE 2022), June 2022, Leuven, Belgium

Motivation & Goal:

In today's dynamic environment, organizations must constantly keep up with change and capture opportunities for digital innovation. The conditions are shaped by technological advances as well as societal challenges like social, economic, and environmental sustainability. To cope with these challenges, organizations need to have the agility and flexibility to rapidly adapt their business models, respective business processes, and digital technologies. The COVID-19 pandemic has shown how fast organizations may need to, and can, adapt to changing conditions through digital innovation. It is no longer sufficient to solely follow the traditional business process management (BPM) practices. It is also necessary to continuously seek opportunities for business model and business process innovations and develop digital technologies to realize those opportunities.

In order to keep pace with the rapid societal and technological changes, transformational approaches to BPM have gained traction. The aim of such exploratory process innovation approaches is to help organizations detect opportunities for new business models and technologies and change business processes in an agile way to implement them. Nevertheless, there is much to discover about the interrelations between business models, business processes, and digital technologies during digital innovation. There is a need to develop concrete methods to reflect business model innovations in business processes and analyze technological requirements to realize new processes in an agile way. Our workshop focuses on the ways of achieving digital innovations through agility in the design of new business models, business processes, and digital technologies. In this way, we aim to extend the current knowledge base by focusing on the interrelations between business model engineering, BPM, and requirements engineering (RE) to develop digital technologies.

It is our experience that scientific communities working on business models, business process management, and requirements engineering work rather isolated from each other. However, our experiences confirm that digital innovation in today's environments requires the integration of approaches and practices from these fields. When business models are innovated, business processes need to be transformatively redesigned, and requirements for digitizing those processes need to be analyzed. The aim of our workshop is to bring experts together and examine the ways of filling this gap.

Topics of Interest:

We are calling for papers including but not restricted to the following topics:

- BMP and RE in the context of innovation of business processes, business models, and digitalization
- Organizational agility and flexibility and its reflections on BPM
- Context-aware BPM for achieving flexibility in business processes
- Techniques for stakeholder and goal analysis in the innovative ecosystem and business processes/models to fulfill goals
- Novel techniques for identifying and analyzing the requirements for processes, services, and products (e. g., crowdsourcing)
- Patterns for business model or process improvement according to the needs of businesses, customers, society, and the preservation of the environment
- RE techniques for the identification and forecasting of socio-technical changes
- Integrated modeling of BM, BPM, and RE-related concerns
- Process performance management with respect to business models and digitalization requirements
- Adding methods and tools from RE to BPM education and vice versa

Topics of interest are not restricted to aspects of digital agility and innovations, but include all issues related to RE activities and techniques in the BPM programmers or BPM activities and techniques during a RE project. We are open for all contributions that raise discussion on the possibilities and limitations of a better integration of BPM and RE.

Submissions:

We welcome original submissions from research and practice in the following categories.

- Full Papers: Papers describing concepts and methods in the form of research papers (up to 12 pages).
- Short Papers: Papers describing concepts and methods in the form of solution proposals or pre-studies (up to 6 pages).
- Experience Reports: Case studies / case descriptions (up to 6 pages).
- Problem Statements: Describe a problem that is currently open and shall be discussed and/or researched in the future (up to 6 pages).

We aim for the publication of these papers in the series "Lecture Notes in Business Information Processing" (LNBIP) as part of the CAiSE workshop proceedings. The paper should be formatted according to the LNBIP guidelines.

Important Dates:

Workshop Paper submission: 8 March 2022

- Workshop Paper decision: 8 April 2022
- Camera ready due: 18 April 2022
- Workshop: 6 or 7 June 2022

Program Committee (tentative):

- Alex Luebbe, FH Wildau (DE)
- Alexia Athanasopoulou, TU Eindhoven (NL)
- Andrea Burratin, Technical University of Denmark (DK)
- Andrea Herrmann, AKAD Stuttgart (DE)
- Eva-Maria Schön, HAW Hamburg (DE)
- Jennifer Horkoff, City University London (UK)
- Hannes Schlieter, TU Dresden (DE)
- Inge van de Weerd, Utrecht University (NL)
- Kathrin Kirchner, Technical University of Denmark (DK)
- Kurt Schneider, University Hannover (DE)
- Matthias Kunze, Telecolumbus (DE)
- Maya Daneva, University Twente (NL)
- Nico Herzberg, Campeleon (DE)
- Oktay Turetken, TU Eindhoven (NL)
- Pascal Ravesteijn, Hogeschool Utrecht (NL)
- Rainer Schmidt, Munich UAS (DE)
- Sinisa Neskovic, IT University of Copenhagen (DK)
- Vera Meister, FH Brandenburg (DE)

Format:

The workshop is planned as a meeting with an initial keynote, paper presentations, discussion and a general idea exchange.

Organizers:

- Banu Aysolmaz, Eindhoven University of Technology (NL)
- Ralf Laue, University of Applied Sciences Zwickau (DE)
- Felix Reher, Middlesex University London (UK)
- Rüdiger Weißbach, Hamburg University of Applied Sciences (DE)

All further information can be found on our website at <https://www.rebpm.org/events/caise2022>, please email questions regarding submissions or the workshop to caise22@rebpm.org!

Submissions can be made via the following link
<https://easychair.org/conferences/?conf=caise22>