

Business Process Modeling, Development, and Support

the 17th edition of the BPMDS series, in conjunction with CAISE'16

BPMDS'16 Working Conference

Business Processes in a Connected World

13-14 June 2016, Ljubljana, Slovenia

<http://www.bpmds.org>

sponsored by IFIP WG8.1 (International Federation for Information Processing Working Group 8.1)

BPMDS'16 solicits papers related to **Business Process Modeling, Development, and Support (BPMDS)** using relevance, originality, quality and applicability in practice as the main selection criteria. As a working conference, BPMDS'16 seeks to attract full *research papers* describing mature research, as well as *experience reports* related to using BPMDS in practice and visionary *idea papers*.

To encourage new and emerging challenges and research directions in the area of business process modeling, development, and support, we have a unique focus theme every year. Papers submitted as idea papers are required to be of relevance to the focus theme, thus providing a mass of new ideas around a relatively narrow but emerging research area.

Full research papers and experience reports are not required to be directly connected to this theme (they still need to be explicitly relevant to BPMDS).

The focus theme for **BPMDS'16 idea papers** is:

Business Processes in a Connected World

In which we differentiate three subthemes

1. **Business processes for connecting people** that directly corresponds to the theme of CAISE 2016 "Information systems for connecting people"
2. Connecting intelligent objects to business processes
3. Connecting information/data/knowledge to business processes

Topics of interest

Include but are not limited to:

Business process for connecting people

- Using socio-technical perspective for designing processes and systems that connect people
- Insuring that a support system connects not divides people
- Achieving optimal interplay between people and technology to promote creativity and connectivity
- Integrating social systems and business processes

Connecting intelligent objects to business processes

- Relations between Internet of Things, Industry 4.0, Smart Objects and business processes

- Managing input from the multitude of objects in business processes

Connecting information/data/knowledge to business processes

- Designing processes to cope with the data deluge
- Connecting data sources from social media, open data, the Internet of Things to business processes

Business Process Modeling

- Business process modeling languages, notations and methods
- Multi-perspectives on business process modeling
- Theoretical foundations for analyzing and modeling business processes
- Variability and adaptability of business process models
- Verification and validation of business process models

- Modeling dynamic configuration
- Modeling for/by reuse
- Domain specific modeling languages
- Business process modeling enhanced by social software and social networks

Business Process Development

- Compliance, reliability, security, performance
- Flexibility, variability, adaptability
- Metrics, maturity and continuous improvement
- Strategy, business processes, people and IT: alignment, fit and coherence
- Knowledge-intensive business processes
- Context aware business processes
- Cross-organizational business processes
- Data-intensive business processes
- Business process change management and governance issues
- Enhancing creativity in business processes

Business Process Support

- Theoretical foundations for simulating or executing business processes
- Business process support architectures and platforms
- Business process support based on a service-oriented architecture
- Business process support combined with social software and social networks
- Supporting work allocation in business processes
- Actor support vs control support in business processes
- Mobile technologies and context aware business processes
- Business processes using cloud-services

About the Working Conference

The topics addressed by the BPMDS series are focused on business processes and their IT support. This is one of the keystones of information systems theory beyond short-lived fashions. The continued interest in this topic on behalf of the IS community is reflected by the success of the past BPMDS events, and their promotion from a workshop to a working conference.

The BPMDS series has produced sixteen events from 1998 to 2015. From 2011, BPMDS has become a two-day working conference attached to CAiSE (Conference on Advanced Information Systems Engineering). The basic principles of the BPMDS series:

1. BPMDS serves as a meeting place for researchers and practitioners in the areas of

business development, and business applications (software) development

2. The aim of the event is mainly discussions, rather than presentations.
3. Each event has a theme that is mandatory for idea papers.
4. Each event's results are, usually, published in a special issue of an international journal.

The goals, format, and history of BPMDS can be found on the web site:

<http://www.bpmds.org/history>

Submissions

BPMDS'16 accept three types of papers:

1. Full research papers.
2. Experience reports, which should follow guidelines in <http://www.bpmds.org/guidelines>.
3. Idea papers related to the focus theme,

Papers of all submission types should be of up to 15 pages in Springer LNCS format in Adobe PDF format. The results described must be unpublished and must not be under review elsewhere.

The papers should be submitted through the conference management system available at <https://easychair.org/conferences/?conf=bpmds16>. For detailed guidelines on submission types and instructions for submission see the conference web-site.

Important dates

February 18th	February 24th 2016	March 20th 2016	April 4th 2016
Paper abstracts (Recommended but not mandatory)	Submission Deadline	Notification of acceptance	Camera-ready papers due

Publications

The conference proceedings will be published in a Springer LNBIP volume (joint with EMMSAD), "Enterprise, Business-Process and Information Systems Modeling". Contributing authors may find all relevant information at <http://www.springer.com/series/7911> .

After the BPMDS'16 conference, extended versions of the accepted papers will be considered for publishing in a special issue of an international journal. The previous special issues were published in the following journals: BPMJ, REJ, SPIP, JSME, IJPIM, IJISMD, SoSyM.

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Rainer Schmidt – Munich University of Applied Sciences, Germany

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