

Business Process Modeling, Development, and Support

the 15th edition of the BPMDS series, in conjunction with CAiSE'14

BPMDS'14 Working Conference

16-17 June 2014, Thessaloniki, Greece

<http://www.bpmds.org>

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

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 fourteen events from 1998 to 2013. 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>

Topics for discussion

BPMDS solicits papers related to Business Process Modeling, Development and Support (BPMDS) in general, using quality as a main selection criterion. As a working conference, we would like to attract papers describing mature research, but we still give place to industrial reports 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 will be 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 though). The focus theme for **BPMDS'14 idea papers** is

The human perspective in Business Processes

The human perspective is of essence since it is humans who drive business processes rather than computers. This perspective plays a major role in all phases of Business Process Modeling, Design and Support. The human perspective in business process modeling relates to the individual who creates a process model, to the communication among people that is facilitated by the business process model during and after the modeling process, and to the social process of collaborative modeling. The human perspective in business process design relates to the kind of interaction / collaboration / coordination / cooperation that should to be implemented in the business process or to specific human-related aspects of the business process itself and their representations in models. Human perspective in business process support relates to all social aspects of the business process and its management in an organization.

We invite the visionaries (from research and industry) to exploit this theme and submit idea papers that deal with specific human aspects of business processes.

We also welcome research papers that include ideas on how theoretical results discussed can be used in practice, as well as experience reports on using theories in practice. Topics of interest include but are not limited to:

Business Process Modeling

- Business process modeling languages, notations and methods
- Multi-perspectives on business process modeling
- Representations of humans in business process models (expertise, skills, preferences, intentions, emotions...)
- Actor-driven (vs activity driven) representations of business processes
- Coherence among multi-perspective representations
- Theoretical foundations for analyzing, modeling business processes
- Verification and validation of business process models
- Variability and adaptability of business process models
- Dynamic configuration; modeling by reuse
- Granularity, development of reusable and context-aware components; modeling for reuse
- Domain specific reference models
- Business process modeling enhanced by social software and social networks

Business Process Support

- Business process change management and governance issues
- 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
- Work allocation in business processes
- Actor support vs control support in business processes
- Enhancing creativity in business processes
- Mobile technologies and context aware business processes
- Business processes using cloud-services

Requirements on Business Processes

- Human-centric business processes
- Compliance, reliability, security, performance
- Flexibility, variability, adaptability
- Metrics, maturity and continuous improvement
- Human resource management in business processes
- User-oriented aspects
- 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
- BPMDS in the cloud

Submissions

Prospective conference participants are invited to submit a paper that concerns business process modeling and development, and/or business process support (development of software dedicated to business processes). We solicit the papers (both research papers and experience reports) that contain results worth of discussion. For full research papers, it means that reported research should be in an advance stage and a paper includes results and at least partial evaluation. Thus three kinds of submissions are possible:

- (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, devoted to completely new research positions or approaches, in order to face to a generic situation that arises because of, for instance, new methods and tools or new types of emerging challenges; the compliance to the focus theme is mandatory for idea papers, which should describe precisely the situation and demonstrate the shortcomings of current methods, tools, ways of reasoning, meta-models, etc.

Papers of all submission types should be of up to 15 pages. Please follow the LNCS format instructions at <http://www.springer.de/comp/lncs/authors.html> for all of them.

Papers should be submitted 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://www.easychair.org/conferences/?conf=bpmds2014>.

Publications

The conference proceedings will be published in a [Springer LNBIP volume](#) (joint with EMMSAD), "Enterprise, Business-Process and Information Systems Modeling", as the five previous years (LNBIP 29, LNBIP 50, LNBIP 81, LNBIP 113, LNBIP 147).

After the BPMDS'14 conference, extended versions of the accepted papers will be considered for publishing in a special issue of an international journal.

The previous special issues are: BPMDS'13 in *SoSyM in progress*, BPMDS'12 in *SoSyM in progress*, BPMDS'11 in *IJISMD*, vol. 4, issue 2, 2013 - BPMDS'10 *selected paper in REJ*, vol. 17, issue 2, 2012 - BPMDS'09 in *IJISMD*, vol. 2, issue 2, 2011 - BPMDS'08 in *JSME* vol. 24, issue 3, 2012 - BPMDS'07 in *IJBPIIM*, vol. 4, issue 2, 2009 - BPMDS'06 in *IJBPIIM*, vol. 3, issue 1, 2008 - BPMDS'05 in *SPIP*, vol. 12, issue 1, 2007 - BPMDS'04 in *SPIP* vol. 10, issue 4, 2005 & *REJ* vol. 10, issue 3, 2005, BPMDS'02 in *BPMJ*, vol. 11, issue 6, 2005.

Important dates

Submission deadline: February 26th 2014
Notification of acceptance: March 23^d 2014
Camera-ready papers due: April 7th 2014

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