

In Conjunction with CAiSE'09

The 10th Workshop on Business Process Modeling, Development, and Support

BPMDs'09

<http://lams.epfl.ch/conference/bpmds09>

Drivers of Business Process Development: Business, IT, Compliance

8-9 June, Amsterdam, The Netherlands

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

New business processes are created and existing ones evolve following different kinds of drivers or motivations. BPMDs'08 was dedicated to business process life-cycle, discussing issues such as how to streamline transitions among phases in the life-cycle of a business process (design, deployment, operation-evaluation). The next BPMDs will be devoted to the drivers related to these phases and to their transitions, and how they can be accommodated into a broader and dynamic view of the business process life-cycle. The research question will be what "drives" the wheel (the business process life cycle) when it turns to reach a moving business target with regard to market changes and continuous improvement requirements.

We distinguish three groups of these drivers, which can exist separately or in any combination in real life situations.

First, business objectives and goals drive the creation and evolution of business processes. Evolution of business processes can be driven by attempts to improve the achievement of business objectives (based on their measurement), or by the need to adapt to changes in these objectives. Research issues related to business drivers include their systematic identification, integration into process design and evolution, performance measurement, and others.

Second, the availability of new IT systems (any kind of components-on-the-shelf) can drive both the creation and evolution of business processes. The introduction of new information systems can enforce or enable or require the design of new business process; new possibilities of business process management or assessment can drive the evolution of the processes. Research issues related to IT drivers include business process-IT alignment, process mining and others.

Third, the need to comply with external standards and regulations may drive the creation of new business processes and the evolution of existing ones. Research issues related to compliance drivers include constrained process design, compliance assurance and verification, and others.

There may be other drivers that do not fall in any of these categories, and they are of interest to the workshop as well.

About the Workshop

The BPMDs series has produced 9 workshops from 1998 to 2008. Seven of these workshops, including the last six (BPMDs'03 – BPMDs'08) were held in conjunction with CAiSE conferences.

The topics addressed by the BPMDs workshops are focused on IT support for business processes. This is one of the keystones of Information Systems theory. We strongly believe that any major conference in the area of Information Systems needs to address such topics independently of the current fashion. The continued interest in these topics on behalf of the IS community is reflected by the success of the last BPMDs workshops and the recent emergence of new conferences devoted to the theme.

The goals, format, and history of BPMDs can be found on the web site: <http://www.ibissoft.se/bpmds.html>

Topics for Discussion

The discussion will address the following main questions:

- What are the drivers or factors that initiate/demand change in business processes
- How to cope with/introduce changes required by different drivers
- How to discover that it is time for a change
- How to discover that change has already happened (uncontrollable changes), and there is a need to explicitly change process definitions/operational instructions.

Specific issues related to these main questions include but are not limited to:

- Specific drivers and how they affect the business processes
- Assessing the extent to which business process initiatives achieve their goals
- Methodologies for business process design to follow specific drivers
- Methodologies for goal-oriented process design and evolution
- Compliance-oriented business process design and evolution
- Business-IT alignment through business processes

- Shareholder, stakeholder, customer and market requirements on business processes
- Assessing the impacts of IT market power, IT market evolution, IT standards on
 - business processes
 - business strategy
 - IT strategy
- Assessing the impacts of IT Governance on business processes and IT processes
- The role of process mining in business process evolution

Submissions

Prospective workshop participants are invited to submit a paper related to one or more of the main topics. The paper selection will be based upon the relevance of a paper to the main topics, as well as upon its quality and potential to generate relevant discussion. Three kinds of submissions are possible. (1) Full papers of up to 13 pages in LNCS format (please follow the instructions at <http://www.springer.de/comp/lncs/authors.html>). (2) Short position papers of up to 6 pages, devoted to research in progress or to visionary ideas. (3) Industrial experience papers of up to 6 pages (see guidelines in http://www.ibissoft.se/users/ilia/exp_guidelines.htm). The papers should be emailed to Selmin.Nurcan@univ-paris1.fr, indicating the kind of paper submitted.

Publications

Accepted papers will be published in the **workshop proceedings** (joint with EMMSAD), **to be published by Springer LNBIP**. After the workshop, the workshop material together with a selection of the best papers will be considered for publishing in a special issue of an international journal (previous special issues were for instance, BPMDS'07 in *IJBPM* (under edition), BPMDS'06 in *IJBPM*, vol. 3, issue 1, 2008, BPMDS'05 in *SPIP*, vol. 12, issue 1, 2007)

Important dates

Submission deadline: February 18th 2009
 Notification of acceptance: March 13th 2009
 Camera-ready papers due: March 20th 2009

Organizers

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