

\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*

## SPECIAL ISSUE ON

### *Business Process Life-Cycle: Design, Deployment, Operation & Evaluation*

Software Process: Improvement and Practice (SPIP)

**Guest Editors:** Selmin Nurcan, Rainer Schmidt, Ilia Bider, Gil Regev

## OBJECTIVE OF THE SPECIAL ISSUE

The Special Issue on *Business Process Life-Cycle: Design, Deployment, Operation & Evaluation* follows the 9<sup>th</sup> Workshop on Business Process Modeling, Development, and Support, organized in conjunction with CAISE'08, and gives room for other high quality papers. This special issue aims to be a meeting place for both researchers and practitioners of the business systems community in the fields of business process development and business application software development.

Business processes have a life-cycle that comprises three phases, design, deployment, operation and evaluation. Each of the phases has one or more purposes. For instance, the design phase has the purpose to align the business process with the requirements of the business and to assure its compliance with legal rules etc. The deployment phase has the purpose to verify that the process fits the customer's requirements to test its performance and to put it into production. In the operation & evaluation phase, evaluation serves the purpose to enhance and improve the process. Thus the continuous improvement requirement is the force, which "drives" the wheel of the business process life cycle.

In this Special Issue, we will focus on the interaction between two or more phases of the life-cycle, as well as the holistic view of the whole life-cycle. Furthermore, the relationship between the phases and their associated purposes shall be investigated. *Therefore, we will accept only contributions covering two or more phases of the lifecycle, or process life-cycle management in general.*

## COVERAGE OF THE SPECIAL ISSUE

*The main issues for discussion are:*

- Goals and approaches for Business process life-cycles and their applicability
- Approaches, methods and technologies for the coupling of life-cycle phases
- Management of the business process lifecycle
- Support for the business process lifecycle
- Metrics and continuous improvement of processes in the life-cycle
- Evaluation and improvement may be practiced (i) in a stable state of the organization, but also and probably often (ii) because the environment changes.
  - Case (i) is related to the quality (management) aspects and to the continuous improvement
  - Case (ii) is related to the change management and BP transformation

In both cases, we probably can/should have some topics (i) about the link between the BP, its improvement, and the support systems (not only BPMS), and (ii) the decision issues involved in all stages, illustrated in the wheel above.

*Examples of more concrete topics include, but are not limited to:*

- Life-cycles for special types of business processes
- Process and information integration in business process life-cycles
- Processes for the management of business process life-cycles
- Software systems to support the business process life-cycle
- Metrics for business process life-cycles
- Business Activity Monitoring (BAM)
- Specific transitions in the BP life-cycle:
  - Design to deployment – modeling, verification, alignment, organizational issues, etc.
  - Operation to redesign – monitoring, mining, learning, etc.

## SUBMISSION PROCEDURE:

The special issue will include two groups of papers:

- (a) extended versions of papers presented in BPMDS'08, and
- (b) original papers that are relevant to the special issue.

**All manuscripts are to be submitted by March 15, 2010.** However, extended abstracts (up to 1000 words) of papers in group (b) should be submitted by January 15, 2010 for assessment of relevance.

All submissions must be original and may not be under review by another publication.

<http://www3.interscience.wiley.com/journal/15482/home/ForAuthors.html>

## IMPORTANT DATES:

- **Extended abstract submission** (*for papers that were not presented in BPMDS'08*): **January 15, 2010**
- Assessment of relevance: January 31, 2010 (in any case, two weeks after the submission of the extended abstract for each paper)
- **Full paper submission: March 15, 2010**
- Notifications: April 30, 2010
- **Second review round - Submission: June 1st, 2010**
- Second review round - Notification: June 15, 2010
- **Final Paper submission: June 30, 2010**

All submissions should be directed to the attention of **Selmin Nurcan**

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## ABOUT SOFTWARE PROCESS IMPROVEMENT and MANAGEMENT (SPIP) :

The objective of Software Process is to facilitate improvement in the quality, productivity, performance and assessment of the software development process by disseminating practice and experience papers.

Software Process aims to be the vehicle of scientific record for all advances in software process models and descriptions. It will seek contributions on the impact of the SEI capability maturity model, on standardisation issues and the results of initiatives such as ESSI, and on all the following topics: process discovery and capture; process description and formalisms; process architecture; process analysis and visualisation; process-centred environments; process monitoring and measurement; process experiments and experimental paradigms; relationships between software and non-software processes; process support mechanisms - instantiation, customisation, evolution, change propagation, guidance and conformance, cooperation and coordination, state reification, binding-process assessment, feedback and improvement; novel software processes.

By learning from the results of practical experience and by providing a forum for discussion of the entire range of software engineering activities from conception through to maintenance of evolving systems, this publication aims to be as grounded in the realities of organisational and commercial forces as it is led by technological innovation.

SPIP is a Wiley InterScience Journal. Editor-in-Chief: Darren Dalcher; Published: 6 per year

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## ABOUT THE BPMDS SERIES :

The BPMDS series has produced 10 workshops from 1998 to 2009. Eight of these workshops, including the last seven (BPMDS'03 – BPMDS'09) 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>