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

Extended abstract submission: January 31, 2010

SUBMISSION DUE DATE: March 31, 2010

SPECIAL ISSUE ON *Drivers of Business Process Development: Business, IT, Compliance*
International Journal of Information System Modeling and Design (IJISMD)

Guest Editors: Selmin Nurcan, Rainer Schmidt, Pnina Soffer, Roland Ukor

INTRODUCTION
New business processes are created and existing ones evolve following different kinds of drivers or motivations. Business process life-cycle can be roughly seen as a succession of improvement cycles which include the design, deployment and operation-evaluation phases.
This special issue will be devoted to the drivers of these phases and to their transitions, as well as 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.

OBJECTIVE OF THE SPECIAL ISSUE
The Special Issue on *Drivers of Business Process Development: Business, IT, Compliance* follows the 10th Workshop on Business Process Modeling, Development, and Support, organized in conjunction with CAISE'09, and gives room for other high quality papers. The special issue is targeted at both researchers and practitioners of the information systems (in the broad sense) community in the fields of business process development and business application software development.
Among the drivers of business process development, we distinguish between three groups, 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-of-the-shelf) can drive both the creation and the evolution of business processes. The introduction of new information systems can enforce, 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 Special issue as well.

RECOMMENDED TOPICS:

- 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 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

SUBMISSION PROCEDURE:
Researchers and practitioners are invited to submit papers for this special theme issue on Drivers of Business Process Development: Business, IT, Compliance *on or before* **March 31, 2010**. Extended abstracts (up to 1000 words) of papers should be submitted by January 31, 2010 for assessment of relevance. The confirmation letter will be sent to the authors two weeks after the reception of the extended abstract. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://www.igi-global.com/development/author_info/guidelines submission.pdf.
All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations.

ABOUT International Journal of Information System Modeling and Design (IJISMD) :
International Journal of Information System Modeling and Design publishes original research on the advances of modeling methods in system analysis and design. IJISMD promotes enterprise modeling which is bridging the communication gap among business managers and system designers. This journal examines the theoretical foundations of new generation graphical design methods, models, and tools to facilitate reasoning on compositions of systems and services across organizational and technical system boundaries.
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All submissions should be directed to the attention of:

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