

NGEBIS'12

WORKSHOP ON NEW GENERATION ENTERPRISE AND
BUSINESS INNOVATION SYSTEMS

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In conjunction with CAISE 2012



Preface

Innovation is one of the major drivers to enable European enterprises to compete in global markets, especially in a tough economic juncture. Yet innovation is an elusive term that is often used in an indefinite way. If we consider widely accepted definitions, we can see that they capture only part of the essence of innovation. For instance, the initial definition given by Wikipedia: “innovation generally refers to the creation of better or more effective products, processes, technologies, or ideas that are accepted by markets, governments, and society.” is a very schematic one. Reading further, the text offers other perspectives. For instance, in an economic perspective: “innovation is the catalyst to growth”, while in an organisational perspective: “innovation may be linked to positive changes in efficiency, productivity, quality, competitiveness, market share, and others.”

An innovation process is different from a “usual” business process we find in an enterprise that is (supposedly) well defined in its activities, committed resources, etc. Innovation is a creative activity confronted with “wicked problems”, i.e., problems difficult to solve because of incomplete, contradictory, and changing requirements.

The New Generation Enterprise and Business Innovation Systems (NGEBIS) workshop intends to address the area of business innovation that has been traditionally considered too fuzzy and ill-defined to be systematically tackled by using existing information systems and information engineering methods. The NGEBIS 2012 workshop has been held on June 26 2012 in Gdansk, co-located with the 24th International Conference on Advanced Information Systems Engineering.

We expect that the papers included in this volume will contribute to the development of methods to be used in the implementation of a new generation of information systems dedicated to business innovation. In particular, they are organized in three categories of contribution: (1) *Methods and Tools for Innovation Management*, (2) *Models and Knowledge for Innovation*, (3) *The Technological Sphere in Innovation*.

This edition of NGEBIS received 14 submissions, each of which was reviewed by at least 2 program committee members in order to supply the authors with helpful feedback. The committee decided to accept 8 contributions as full papers and 3 as poster papers. The program also includes 1 keynote.

We would like to thank all authors for their contributions and the members of the Program Committee for their excellent work during the reviewing phase.

Finally, we would like to thank also the organizers of CAiSE'12 conference for hosting the workshop and the BIVEE European Project that is the initiator of this venture that we expect to continue in the future.

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