

GUEST EDITORIAL PREFACE

Special Issue from the Advanced Information Systems Engineering Workshops 2012

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CAiSE is a well-established highly visible conference series on Information Systems Engineering. CAiSE conferences also have the tradition of hosting several workshops which focus on particular topics in the field and provide ample room for discussion of new developments. CAiSE workshops are always an excellent source for early discovering new and interesting developments in Information Systems Engineering.

In 2012, CAiSE hosted ten workshops that were carefully selected based on the quality and maturity of their proposals, their potential and attractiveness, their fit to the Information Systems Engineering field, and finally, their history.

The authors of the most remarkable contributions to these workshops have been invited to submit an extended and revised version of their workshop paper to this special issue. After careful reviewing five papers have been selected for this special issue:

- **Busital:** Workshop on BUSinness/IT ALignment and Interoperability: *Capturing Consumer Preference in System Requirements Through Business Strategy* by

Constantinos Giannoulis, Eric-Oluf Svee, and Jelena Zdravkovic.

- **GRCIS:** Workshop on Governance, Risk and Compliance in Information Systems: *Control Automation to reduce Costs of Control* by Rob Christiaanse and Joris Hulstijn.
- **HC-PAIS:** Workshop on Human-Centric Process-Aware Information Systems: *Gesture-based Process Modeling Using Multi-Touch Devices* by Jens Kolb, Benjamin Rudner, and Manfred Reichert.
- **NGEBIS:** Workshop on Next Generation Enterprise and Business Innovation Systems: *A Semantic Framework for Knowledge Management in Virtual Innovation Factories* by Claudia Diamantini, Domenico Potena, Maurizio Proietti, Fabrizio Smith, Emanuele Storti, and Francesco Taglino.
- **WISSE:** Workshop on Information Systems Security Engineering: *An Extension of Business Process Model and Notation for Security Risk Management* by Olga Altuhhova, Raimundas Matulevičius, and Naved Ahmed.

The variety of topics addressed in the CAiSE workshops confirm that although Information Systems Engineering is a well-established and mature discipline it is still thriving as very attractive research domain with many challenges that remain to be solved.

We would like to take this opportunity also to thank all the workshop organizers and all the referees and members of the Program Committees of the workshops for their hard work in organizing the workshops and ensuring their high scientific quality.