

Preface

The International conference on Business Informatics Research (BIR) focusses on fields of business informatics. In particular, it targets the research that bridges management and engineering aspects and facilitates communication between scientific and practical applications. This volume contains publications presented at workshops and doctoral consortium of the BIR 2015 conference, organised in Tartu, Estonia, 26-28 August, 2015. The invited publication by A. Lupeikienė *et al.* discusses decision support via visualisation of big multidimensional data. The rest of the volume includes publications presented at the 8th Workshop on Information Logistics and Knowledge Supply (ILOG'15), the Workshop on Security and Compliance in Business Processes (SCBP'15), the 3rd Workshop on Ontologies and Information Systems (WOIS'15), and the doctoral consortium of the 14th International Conference on Business Informatics Research (BIR 2015).

The 8th Workshop on Information Logistics and Knowledge Supply (ILOG'15) organised by Kurt Sandkuhl and Ulf Seigerroth.

The ILOG goal is to discuss approaches, methods and technologies used to reduce information overflow and to improve and maintain high quality of information flow in organisations. Six papers included in this volume discuss decision support, information demand, business intelligence, and configuration processes. The invited publication by Alexander Smirnov and Kurt Sandkuhl specifically focusses on requirements and challenges observed within context-oriented knowledge management for decision support systems.

Workshop on Security and Compliance in Business Processes (SCBP'15) organised by Naved Ahmed and Raimundas Matulevičius.

Security and compliance play an important role in business processes. SCBP workshop aims at encouraging innovative methods for workflow security modelling, security compliance, audit and control throughout the business process lifecycle: from design time verification to online operational support and post-mortem analysis. Two papers are presented this year. One discusses a novel approach for discovering security requirements from business processes. Another one explores how privacy concerns could be implemented to achieve efficient e-governance solutions.

The 3rd Workshop on Ontologies and Information Systems (WOIS'15) organised by Birger Lantow and He Tan. Ontology specifies knowledge about entities, and their relationships and interactions. The goal of the WOIS workshop is to bring together researchers who have interest in the use of ontologies in the context of enterprise information systems. Three papers are included in the volume discussing collaboration, system interoperability and service innovation by the means of ontology.

Doctoral consortium is a good place for the doctoral students to receive an early feedback on their progress from the field experts and experienced researchers. This year four doctoral papers are presented. The discussed topics include enterprise software system integration, knowledge modelling of financial decision support systems, language technologies for the Lithuanian language and visual performance between flat and curved displays.

We would like to thank all Workshop Chairs and their Program Committee members for their diligence in selecting the papers and ensuring their high scientific quality.

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