

## Preface

This volume contains the papers accepted to the third CUBIST workshop.

CUBIST (Combining and Uniting Business Intelligence with Semantic Technologies) is a research project funded by the European Commission under the 7th Framework Programme of ICT, topic 4.3: Intelligent Information Management. The project started in October 2010. CUBIST follows a best-of-breed approach that combines essential features of Semantic Technologies, Business Intelligence and Visual Analytics. CUBIST aims to

- persist federated data in a semantic Data Warehouse; a hybrid approach based on a BI enabled triple store,
- and to provide novel ways of applying visual analytics in which meaningful diagrammatic representations based on Formal Concept Analysis will be used for depicting the data, navigating through the data and for visually querying the data.

As one can see from this description, CUBIST requires expertise from a variety of research fields, which cannot be provided by a single research organization. For this reason, the CUBIST workshop series which addresses the main topics of CUBIST has been set up. The workshops aim to provide a forum for both research and practice for CUBIST-related topics and technologies in order to facilitate interdisciplinary discussions. The first CUBIST workshop was held in conjunction with the 19th International Conference on Conceptual Structures (ICCS 2011), which was held on 25 - 29 July 2011 at the University of Derby, United Kingdom, and attracted submissions from outside the CUBIST consortium. The second workshop was held in conjunction with the 10th International Conference on Formal Concept Analysis (ICFCA 2012) which was held on 6 – 10 May 2012 at the University of Leuven, Belgium. This year's workshop is held in conjunction with the 11th International Conference on Formal Concept Analysis (ICFCA 2013), which took place May 21- May 24 in Dresden, Germany. We are proud that again the workshop received and accepted submissions from outside the CUBIST consortium, which indicates that the project and the workshop are addressing contemporary topics of interest to researchers in the fields. In total we had seven submissions, and six of the submissions were accepted.

We, the chairs, want to express our appreciation to all authors of submitted papers and to the program committee members for their work and valuable comments.

May 2013, Simon Andrews and Frithjof Dau