

## Preface to MORE-BI 2011

Business intelligence (BI) systems gather, store, and process data to turn it into information that is meaningful and relevant for decision-making in businesses and organizations. Successful engineering, use, and evolution of BI systems require a deep understanding of the requirements of decision-making processes in organizations, of the kinds of information used and produced in these processes, of the ways in which information can be obtained through acquisition and reasoning on data, of the transformations and analyses of that information, of how the necessary data can be acquired, stored, cleaned, how its quality can be improved, and of how heterogeneous data can be used together.

The first International Workshop on Modeling and Reasoning for Business Intelligence (MORE-BI 2011) was organized and collocated with the 30th International Conference on Conceptual Modeling (ER 2011), held in Brussels, Belgium, to stimulate discussions and contribute to the research on the concepts and relations relevant for the various steps in the engineering of BI systems, the conceptual modeling of requirements for BI systems, of the data used and produced by them, of the transformations and analyses of data, and associated topics to which researchers and practitioners of conceptual modeling can contribute, in the aim of constructing theoretically sound and practically relevant models and reasoning facilities to support the engineering of BI systems.

The call for papers attracted 23 abstracts, of which 22 resulted in full submissions. The submissions came from 64 authors from 14 countries and 4 continents. The program committee consisting of 31 researchers conducted three reviews of each submission and selected 7 submissions for presentation and discussion at the workshop, an acceptance rate of 32%.

We wish to thank all authors who have submitted their research to MORE-BI 2011. We are grateful to our colleagues in the steering committee for helping us define the topics and scope of the workshop, our colleagues in the program committee for the time invested in carefully reviewing the submissions under a very tight schedule, the participants who have helped make this an interesting event, and the local organizers and workshop chairs of ER 2011.

We hope that you find the workshop program and presentations of interest to research and practice of business intelligence, and that the workshop has allowed you to meet colleagues and practitioners focusing on modeling and reasoning for business intelligence. We look forward to receive your submissions and meet you at the next edition of the International Workshop on Modeling and Reasoning for Business Intelligence.

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