BUSTECH 2011

Foreword

The First International Conference on Business Intelligence and Technology [BUSTECH 2011], held between September 25 and 30, 2011 in Rome, Italy, initiated a series of events covering topics related to business process management and intelligence, integration and interoperability of different approaches, technology-oriented business solutions and specific features to be considered in business/technology development.

The term Business Intelligence (BI) covers a large spectrum of applications and technologies used to collect, store, interpret and decide on the information about company operations with the aim of helping corporate entities with a comprehensive status and knowledge on their business. BI is integrating with Warehouses (DWs), on-line analytic (OLAPS), corporate performance management (CPM), business process management (BPM), and other technology-oriented business solutions. Web technologies, semantics and ontology mechanisms are now used to mine, integrate and interpret distribute corporate data, either real-time or intermittent, by filtering noisy data, interpreting business data in context, enforcing trust and security in handling corporate data, and providing access to data from anywhere, at anytime, and via any media. The complexity, volume and intrinsic semantic of data needed for conducting business require a tailored IT infrastructure and advanced methodologies and technologies for timely building competitiveness by intelligent business decisions. With the large spectrum of emerging technologies, such as cloud computing, sensors environments, and mobility there is a need for specialized supporting tools and business/technology decisions to optimize the business process and business performance.

We take here the opportunity to warmly thank all the members of the BUSTECH 2011 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to BUSTECH 2011. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the BUSTECH 2011 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that BUSTECH 2011 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the area of business intelligence and technology.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the charm of Rome, Italy.

BUSTECH 2011 Chairs:

Dieter Fensel, STI Innsbruck / University of Innsbruck, Austria

Oscar Ferrandez Escamez, University of Utah, USA

Tyrone W. A. Grandison, IBM Research - Hawthorne, USA

Sokratis K. Katsikas, University of Piraeus, Greece

Malgorzata Pankowska, University of Economics – Katowice, Poland

Michael Parkin, European Research Institute in Service Science (ERISS), The Netherlands

Maribel Yasmina Santos, University of Minho, Portugal

Pedro Soria-Rodriguez, Atos Origin - Madrid, Spain

Lars Taxén, Linköping University, Sweden

Hannes Werthner, Vienna University of Technology, Austria