

CALL FOR PAPERS

Special Issue on **Business Intelligence Research**

MIS
Quarterly

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☀ **Submission Deadline: October 15, 2010** ☀

Business Intelligence (BI), a term coined in 1989, has gained much traction in the IT practitioner community and academia over the past two decades. According to Wikipedia, BI refers to the “skills, technologies, applications, and practices used to help a business acquire a better understanding of its commercial context.” Based on a survey of 1,400 CEOs, the Gartner Group projected BI revenue to reach \$3 billion in 2009. According to an IBM Global CIO Study, the collective voice of more than 2,500 Chief Information Officers worldwide points to *business intelligence and analytics* as the top visionary plan for enhancing their enterprises’ competitiveness. As a data-centric approach, BI heavily relies on advanced data collection, extraction, and analysis technologies, including: data warehousing; Extraction, Transformation, and Load (ETL); Business Performance Management (BPM); and advanced knowledge discovery using data and text mining. In the past five years, web intelligence, web analytics, web 2.0, and user-generated contents have also begun to usher in a new and exciting era of Business Intelligence 2.0 (BI 2.0) research. Given these tremendous developments, Design Science based information systems research can contribute significantly to BI. By designing and evaluating IT artifacts within the organizational and managerial context, much can be learned about BI technologies, practices, and challenges .

Call for Submissions

This special issue of MIS Quarterly invites unpublished, original research relating to Business Intelligence. It specifically seeks research that creates and evaluates innovative BI-related IT artifacts that advance BI implementation. Submissions must relate to MIS Quarterly’s mission with strong managerial, organizational and societal relevance and implications. The following types of submissions are discouraged: (1) purely theoretical papers, (2) argumentation essays, (3) incremental research in well-established areas, and (4) research targeting specific algorithms or techniques.

Scope and Topics:

BI 2.0 research is particularly welcome. Topics include, but are not limited to:

- § Design, implementation, and assessment of innovative data warehousing, ETL, and OLAP in BI
- § Visual analytics, advanced interfaces, and human-computer interactions research for BI
- § Advanced text, data, and web mining research for emerging BI applications
- § Innovative knowledge discovery and knowledge management research for BI applications
- § Business process and workflow management research for BI
- § Web intelligence, web analytics, and web 2.0 research for BI
- § Social media analytics, opinion mining, and sentiment analysis for BI

Review Process

Submissions to the special issue should be carefully written and be readable by a broader IT professional audience, not just specialists performing research in a narrow area. The co-editors will screen submissions to ensure appropriate scope and relevance. The submission deadline is October 15, 2010. The special issue is scheduled to appear in 2012-2013.

Special Issue Associate Editors: Gediminas Adomavicius, Sue Brown, Michael Chau, Cecil Chua, Wendy Currie, Andrew Gemino, Paulo Goes, Alok Gupta, Paul Hu, Hemant Jain, Robert Kauffman, Vijay Khatri, Gony Leroy, Ting-Peng Liang, Ee-Peng Lim, Vijay Mookerjee, Sridhar Narasimhan, Jeffrey Parsons, H. Raghav Rao, T. S. Raghunathan, Balasubramaniam Ramesh, Ramesh Sharda, Matti Rossi, Michael Jeng-Ping Shaw, Olivia Sheng, Keng Siau, Atish Sinha, Alexander Tuzhilin, Vijay Vaishnavi, Doug Vogel, Chih-Ping Wei, Carson Woo, Daniel Zeng, J. Leon Zhao.