Business Intelligence for the Real-Time Enterprise

Second International Workshop, BIRTE 2008
Auckland, New Zealand, August 24, 2008
Revised Selected Papers
# Table of Contents

Situational Business Intelligence ................................. 1  
*Alexander Löser, Fabian Hueske, and Volker Markl*

On Solving Efficiently the View Selection Problem under Bag-Semantics ........................................ 12  
*Foto Afrati, Matthew Damigos, and Manolis Gergatsoulis*

QoS-Aware Publish-Subscribe Service for Real-Time Data Acquisition ........................................ 29  
*Xinjie Lu, Xin Li, Tian Yang, Zaifei Liao, Wei Liu, and Hongan Wang*

A Near Real-Time Reporting System for Enterprises Using JavaScript Instrumentation with Inter-colo Event Replication ................................. 45  
*Timothy Tully*

A Hybrid Row-Column OLTP Database Architecture for Operational Reporting ........................................ 61  
*Jan Schaffner, Anja Bog, Jens Krüger, and Alexander Zeier*

The Reality of Real-Time Business Intelligence .................. 75  
*Divyakant Agrawal*

Beyond Conventional Data Warehousing—Massively Parallel Data Processing with Greenplum Database (Invited Talk) ................................. 89  
*Florian M. Waas*

Scalable Data-Intensive Analytics ................................. 97  
*Meichun Hsu and Qiming Chen*

Simplifying Information Integration: Object-Based Flow-of-Mappings Framework for Integration .................. 108  
*Bogdan Alexe, Michael Gubanov, Mauricio A. Hernández, Howard Ho, Jen-Wei Huang, Yannis Katsis, Lucian Popa, Barna Saha, and Ioana Stanoi*

Author Index .......................................................... 123