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CONTENTS (Vol. 9, No. 1, January 2012)

Editorial

iii

Classifying News Stories with a Constrained Learning Strategy to Estimate the Direction of a Market Index
Brett Drury, Luis Torgo and J.J. Almeida

1– 22

Semantics-enabled Policies for Super-Peer Data Integration and Protection
Yuh-Jong Hu and Win-Nan Wu and Jiun-Jan Yang

23 - 49

Uncover What You See in Your Images: The InfoAlbum approach
Randi Karlsen, Børge Jakobsen and Roger Bruun Asp Hansen

50 - 69

E-Mail Prioritization using Online Social Network Profile Distance
Shaliz Rezaee, Niklas Lavesson and Henric Johnson

70– 87

Entity-based Classification of Twitter Messages
Surender Reddy Yerva, Zoltan Miklos and Karl Aberer

88 - 115

Trusted Information Sharing using SOA-Based Social Overlay Networks
Florian Skopik, Daniel Schall and Schahram Dustdar

116—151



CONTENTS (Vol. 9, No. 1, January 2012)

Editorial

Special Issue on Web, Semantic and Intelligence — Part II

Newest Web technologies will enable the emergence of *digital ecosystems* of software and services delivered by the Internet. It will broaden the Internet with capabilities to reason on its resources and their interactions in order to build up the knowledge-driven economy in the 21st century.

This special issue presents extended versions of six selected papers presented at the International Conference on Web Intelligence, Mining, and Semantics—WIMS'11. First paper in this issue describes a strategy combining rule classifier, alignment strategy and self-training to induce a robust model for classifying news stories. Paper 2 deals with a semantic privacy protection model which encompasses and extends the existing works on data sharing and integration through a super-peer data management. Subsequently paper 3 presents an automatic extraction system and the evaluation of system performance with respect to relevance of the collected information. Then next paper 4 addresses e-mail inbox prioritization by leveraging social information extracted from modern online social networks. The paper 5 presents an approach to classify Twitter messages containing a keyword. Lastly, paper 6 deals with the application of social network concepts in cross-enterprise collaboration scenarios.

We hope the readers will find this IJCSA special issue very useful. We trust that our two special issues on Web, Semantics and Intelligence motivate its readers to take the next steps ahead constructing novel tools and techniques for future approaches and applications.