Preface

This volume includes the papers presented at the 1st International Workshop on "Collective Semantics: Collective Intelligence & the Semantic Web (CISWeb 2008)", which was hosted by the *5th European Semantic Web Conference (ESWC-08)*, in Tenerife, Spain, June 2nd, 2008.

Web 2.0 technologies have introduced new information sharing practices which favor mass users participation and aim at improving quality of information content and information organization. It is challenging to dynamically capture knowledge that emerges as the outcome of the interactions of masses of users in social networks, since difficulties are posed by the heterogeneous data sources, the large information scale and the huge amount of information postings. Semantic Web may contribute by providing language basis, structuring help from distributed ad-hoc ontologies, and by offering new ways of exploring the information space.

In this context, CISWeb 2008 Workshop has attracted very interesting work which covers crucial and emerging research topics such as using and enriching ontologies, semantically enhancing folksonomies and webspaces, social data management, , and interrelating Web 2.0 to Semantic Web. More specifically, interesting ideas were presented at the Workshop for ontology matching via knowledge extracted by multiple ontologies, enriching ontological user profiles with tagging history, merging Web 2.0 and the Semantic Web by (semi-) automated content tagging, semantically enriching folsonomies and tagging. Most of these efforts were experimented and validated under popular datasets and testbeds (such as Wikipedia, Flickr, LycosIQ).

There were 11 submissions from 9 countries, and three reviewers were assigned to each paper. The program committee has finally selected 5 regular papers and 3 poster papers for presentation at the workshop. We would like to thank all the program committee members for their dedicated effort to review papers in their area of expertise and on a timely manner. Their effort was valuable to accommodate high quality papers in the CISWeb 2008 program.

The research work presented at CISWeb 2008 was very interesting and exciting and the Workshop involved live discussions and fruitful comments. Moreover, the program included a very interesting invited talk by Prof. Bettina Hoser, from the Universität Karlsruhe, who presented "Information Retrieval versus Knowledge Retrieval: A social network pespective", a topic which is emerging and of wide interest. We are grateful to Prof. Bettina Hoser for her insightful presentation.

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