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Proceedings

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Preface

This volume contains the papers from the technical programme of the 5th European Semantic Web Conference, ESWC 2008, that took place during June 1–5, 2008 in Tenerife, Islas Canarias, Spain.

ESWC 2008 was the latest in a series of annual, international events focusing on the dissemination and discussion of the latest research and applications of Semantic Web technologies. The call for papers saw over 270 submissions, a comparable figure to the previous year, indicating that the conference series has reached a certain level of maturity. The review process was organized using a two-tiered system. First, each submission was reviewed by at least three members of the Programme Committee. Submissions were also assigned to a Senior Programme Committee member, who led discussions between reviewers and provided a metareview and provisional decision. A physical Programme Committee meeting was then held, where the final decisions were made. Competition was as strong as ever, and the Programme Committee selected 51 papers to be presented at the conference.

In addition to the technical research paper track, a system demo track was included, with its own review process. Twenty-five demo papers were selected for publication. System demo authors were given the opportunity to present their work in dedicated sessions during the conference, while an evening reception was also devoted to the presentation of posters and demonstrations of systems.

As in past years, ESWC subscribed to the call to “eat our own dog food,” with the publication of a rich set of semantic metadata describing the conference.

Three invited talks were given by distinguished scientists: Nigel Shadbolt (Garlik Ltd. and University of Southampton, UK) spoke about the use of Semantic Technology for the consumer; the challenge of Semantic Search was the subject of a talk from Ricardo Baeza-Yates (Yahoo! Research); and Claudio Gutierrez (Universidad de Chile) presented work on the state of the art in RDF Database theory.

The conference also included a programme of tutorials and associated workshops, held on the days preceeding the main conference track. A PhD symposium took place immediately before the conference, giving doctoral students within the Semantic Web community an opportunity to showcase their work and obtain valuable feedback from senior members of the community. This year, we also introduced a programme of panel discussions, bringing together experts to debate key issues in the Semantic Web research area.

As ever, the success of the conference was due to the hard work of a number of people. The members of the Organizing Committee, who were responsible for the selection of tutorials, workshops, panels and the PhD symposium, the Local Organizers and conference administration team, the sponsorship co-ordinator, webmaster and metadata co-ordinator are all listed on the following pages.

We would also particularly like to thank all those authors who submitted papers to ESWC 2008, all the members of the Programme Committee and the additional reviewers who helped with the review process and contributed to ensuring the scientific quality of ESWC 2008. A quality review process is the cornerstone of a scientific conference, and we appreciate the time and effort spent by our Programme Committee.

ESWC2008 was supported by STI2 (Semantic Technology Institutes International), Universidad Politécnica Madrid and Ministerio de Educación y Ciencia. Sponsorship came from DERI Galway, from the EU Projects Okkam, NeOn, TAO, ACTIVE and Luisa, and from companies Ontos, Franz Inc., Yahoo! Research, Vulcan, Ximetrix and iSOCO. Support for recording presentations came from Jožef Stefan Institute in Slovenia.

We thank Springer for professional support and guidance during the preparation of these proceedings. Finally, we would like to thank the developers of the EasyChair conference management system (<http://www.easychair.org/>), which was used to manage the submission and review of papers and the production of this volume.

March 2008

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