



**International Workshop on Ontology Dynamics
IWOD 2010 - Shanghai, China**

Proceedings

4th International Workshop on Ontology Dynamics (IWOD-10)

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Preface

Ontologies constitute one of the main pillars of the Semantic Web and of semantic applications. As ontologies model dynamic environments (e.g., e-science ontologies), they are often subject to change. The support for dynamicity is one of the core ontology management problems and has many facets, being dealt with in different fields, like ontology evolution, ontology versioning and others.

The goal of the 4th International Workshop on Ontology Dynamics (IWOD-10) was to bring together researchers and students working on the fields of ontology evolution, revision, merging and versioning, as well as people from the industry conducting activities (applications, case studies) that involve the dynamic aspects of ontologies. Our aim was to trigger discussions and allow interested researchers, students and practitioners to present and discuss recent advances related to these fields.

Following the previous successful editions (as part of ESWC-07, ISWC-08 and ISWC-09), IWOD has established itself as the core annual event to discuss advances in the broad area of ontology dynamics, and to track recent work directly or indirectly related to the problem of evolving ontologies. The 4th International Workshop of Ontology Dynamics was hosted as a half-day workshop in the ISWC-10, held in Shanghai, China, on November 8, 2010.

We would like to thank our invited speaker, Dr. Zhisheng Huang, who was kind enough to give a keynote talk titled: “Interleaving Reasoning and Selection with Semantic Data”. In addition, we would like to thank the workshop’s Steering Committee, Mathieu d’Aquin, Grigoris Antoniou, Jeff Pan and Dimitris Plexousakis for their help in making this workshop a reality, the Program Committee members and external reviewers for their excellent reviews which ensured that the best possible material was presented in the workshop and appears in these proceedings, and, of course, the organizers of the ISWC-10 conference for supporting this workshop. Last but not least, we would like to thank the authors of all submitted papers, as well as all the participants of the workshop for their interest in IWOD-10.

Giorgos Flouris
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(editors)

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