

SEMAPRO 2011

Foreword

The Fifth International Conference on Advances in Semantic Processing [SEMAPRO 2011], held between November 20 and 25, 2011 in Lisbon, Portugal, constituted the stage for the state-of-the-art on the most recent advances in ontology, web services, semantic social media, semantic web, deep semantic web, semantic networking and semantic reasoning.

Semantic processing considers contextual dependencies and adds to the individually acquired knowledge emergent properties and understanding. Hardware and software support and platforms were developed for semantically enhanced information retrieval and interpretation. Searching for video, voice and speech [VVS] raises additional problems to specialized engines with respect to text search. Contextual searching and special patterns-based techniques are current solutions.

We take here the opportunity to warmly thank all the members of the SEMAPRO 2011 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to SEMAPRO 2011. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the SEMAPRO 2011 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that SEMAPRO 2011 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the area of semantic processing.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the historic charm of Lisbon, Portugal.

SEMAPRO 2011 Chairs:

Bich-Lien Doan
Nima Dokoohaki
Peter Haase
Wladyslaw Homenda
Thorsten Liebig
René Witte