SEMAPRO 2013

Foreword

The Seventh International Conference on Advances in Semantic Processing (SEMAPRO 2013), held between September 29 and October 3, 2013 in Porto, Portugal, continued a series of events highlighting the most recent advances in ontology, web services, semantic social media, semantic web, deep semantic web, semantic networking and semantic reasoning.

The inaugural International Conference on Advances in Semantic Processing, SEMAPRO 2007, was initiated considering the complexity of understanding and processing information. 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 2013 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 2013. 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 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that SEMAPRO 2013 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of semantic processing.

We are convinced that the participants found the event useful and communications very open. We hope that Porto, Portugal, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

SEMAPRO 2013 Chairs:

SEMAPRO Advisory Chairs

Wladyslaw Homenda, Warsaw University of Technology, Poland
Bich-Lien Doan, SUPELEC, France
Alexey Cheptsov, High Performance Computing Center Stuttgart (HLRS), Germany

SEMAPRO 2013 Industry Liaison Chairs

Peter Haase, Fluid Operations, Germany
Thorsten Liebig, derivo GmbH - Ulm, Germany

SEMAPRO 2013 Research Chair

Nima Dokoohaki, Royal Institute of Technology (KTH)-Kista, Sweden