SEMAPRO 2016

Forward

The Tenth International Conference on Advances in Semantic Processing (SEMAPRO 2016), held between October 9 and 13, 2016 in Venice, Italy, continued a series of events related to 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.

With the progress on ontology, web services, semantic social media, semantic web, deep web search /deep semantic web/, semantic deep web, semantic networking and semantic reasoning, SEMAPRO 2016 constituted the stage for the state-of-the-art on the most recent advances.

The event was very competitive in its selection process and very well perceived by the international scientific and industrial communities. As such, it has attracted excellent contributions and active participation from all over the world. We were very pleased to receive a large amount of top quality contributions.

The conference had the following tracks:
- Semantic applications/platforms/tools
- Healthcare Information and Management Systems
- Semantic Technologies
- Semantic-based Opportunistic Object Networks

We take here the opportunity to warmly thank all the members of the SEMAPRO 2016 technical program committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to SEMAPRO 2016. 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 also gratefully thank the members of the SEMAPRO 2016 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope SEMAPRO 2016 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of semantic processing.

We also hope that Venice, Italy, provided a pleasant environment during the conference and everyone saved some time to enjoy the unique charm of the city.

SEMAPRO Advisory Committee

Wladyslaw Homenda, Warsaw University of Technology, Poland
Bich-Lien Doan, SUPELEC, France
Alexey Cheptsov, High Performance Computing Center Stuttgart (HLRS), Germany
Sule Yildirim Yayilgan, Gjøvik University College, Norway
Jesper Zedlitz, Christian-Albrechts-Universität Kiel, Germany
Soon Ae Chun, City University of New York, USA
Fabio Grandi, University of Bologna, Italy
David A. Ostrowski, Ford Motor Company, USA
Andrea Perego, European Commission - Joint Research Centre, Ispra, Italy

SEMAPRO Industry/Research Liaison Chairs

Riccardo Albertoni, IMATI-CNR-Genova, Italy
Panos Alexopoulos, iSOCO S.A., Spain
Sofia Athenikos, IPsoft, USA
Isabel Azevedo, ISEP-IPP, Portugal
Sam Chapman, The Floow Limited, UK
Daniele Christen, Parsit Company, Italy
Frithjof Dau, SAP Research Dresden, Germany
Thierry Declerck, DFKI GmbH, Germany
Alessio Gugliotta, Innova SpA, Italy
Shun Hattori, Muroran Institute of Technology, Japan
Tracy Holloway King, eBay Inc., USA
Lyndon J. B. Nixon, STI International, Austria
Zoltán Theisz, evopro Innovation LLC, Hungary
Thorsten Liebig, derivo GmbH - Ulm, Germany
Michael Mohler, Language Computer Corporation in Richardson, USA

SEMAPRO Publicity Chairs

Felix Schiele, Reutlingen University, Germany
Bernd Stadlhofer, University of Applied Sciences, Austria
Ruben Costa, UNINOVA, Portugal
Andreas Emrich, German Research Center for Artificial Intelligence (DFKI), Germany