

SEMAPRO 2019

Forward

The Thirteenth International Conference on Advances in Semantic Processing (SEMAPRO 2019), held between September 22-26, 2019 in Porto, Portugal, continued a series of events that were 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.

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 2019 constituted the stage for the state-of-the-art on the most recent advances.

The conference had the following tracks:

- Basics on semantics
- Domain-oriented semantic applications
- Semantic applications/platforms/tools

We take here the opportunity to warmly thank all the members of the SEMAPRO 2019 technical program committee, as well as all the 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 2019. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the SEMAPRO 2019 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that SEMAPRO 2019 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the field of semantic processing. We also hope that Porto provided a pleasant environment during the conference and everyone saved some time to enjoy the historic charm of the city.

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