Semantic and knowledge-based technologies are steadily gaining momentum and they are currently achieving a certain degree of maturity. They provide a consistent and reliable basis to face challenges for the organization, manipulation and visualization of data and knowledge, thus playing a crucial role as the technological foundation for the development of a large number of Computational Intelligence systems.

INBAST 2014 is the third edition of the Industrial and Business Applications of Semantic Technologies and Knowledge-based information systems workshop series. The goal of the workshop series is the feasibility investigation of advanced Semantic and Knowledge-based methods and techniques, as well as their application in different domains such as in the run time of safety-critical live systems or in the design time engineering disciplines like software and systems engineering.

The workshop attracted a number of submissions, of which a total of 7 papers was accepted for presentation. The topics of the accepted papers cover a wide range of interesting application areas of semantic web technologies, such as Interoperability Assessment, Information Retrieval, Requirement Specification, Business Process Modeling, Customer Relationship Management, Opinion Mining and Fact-based modeling.

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Rafael Valencia Garca
Ricardo Colomo Palacios
Thomas Moser