

## Workshops, June 1st

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[Workshop 1: 1st International Workshop on the Semantic Sensor Web \(SemSensWeb 2009\)](#)

[Workshop 2: Trust and Privacy on the Social and Semantic Web \(SPOT2009\)](#)

[Workshop 3: 4th Workshop on Semantic Wikis \(SemWiki2009\)](#)

[Workshop 4: Workshop on Inductive Reasoning and Machine Learning on the Semantic Web \(IRMLeS2009\)](#)

[Workshop 5: 4th International Workshop on Semantic Business Process Management \(SBPM2009\)](#)

[Workshop 6: Workshop on Context, Information And Ontologies \(CIAO2009\)](#)

## Workshops, May 31st

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[Workshop 7: 5th Workshop on Scripting and Development for the Semantic Web \(SFSW2009\)](#)

[Workshop 8: 1st International Workshop on Stream Reasoning \(SR2009\)](#)

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## [Workshop 5: 4 th International Workshop on Semantic Business Process Management \(SBPM2009\) \(Full day\)](#)

The degree of automation in the management of the business process space of single enterprises and whole value chains is still unsatisfying. A key source of problems is in the representational heterogeneities between the various perspectives and the various stages in the life-cycles of business processes. Typical examples are incompatible representations of the managerial vs. the IT perspective, or the gap between normative modeling for compliance purposes and process execution log data. As early as in the 1990s, researchers have evaluated the potential of using ontologies for improving business process management in the context of the TOVE project; however, the impact of that work remained beyond initial expectations. Since 2005, there is now a renewed and growing interest in exploiting ontologies, of varying expressivity and focus, for advancing the state of the art in business process management, in particular in ERP-centric IT landscapes. The term "Semantic Business Process Management" has been suggested for the described branch of research in an early 2005 paper<sup>1</sup>, which is now frequently cited as the first description of the overall vision. A flagship activity in the field is the European research project "SUPER", with more than a dozen premier industrial and academic partners, among them SAP, IDS Scheer, and IBM. In the past two years, substantial advancement has been made in investigating the theoretical and practical branches of this

vision. However, the interdisciplinary nature of the topic requires a tight collaboration of researcher from multiple fields of, namely the BPM, SOA, Semantic Web, Semantic Web services, and Economics communities. There is a clear need for an annual event at which those communities meet, debate, challenge each others approaches, and eventually align their research efforts. Due to the strong involvement of Semantic Web researchers in the field, ESWC is the ideal target venue for this event, as previous events with excellent attendance have shown. In this workshop, we want to bring together experts from the relevant communities and help reach agreement on a roadmap for SBPM research. We aim at bundling experiences and prototypes from the successful application of Semantic Web technology to BPM in various industries, like automotive, engineering, chemical and pharmaceutical, and services domains. The particular focus is on deriving reusable best-practices from such experiences, and to yield convincing showcases of semantic technology.

Homepage: <http://sbpm2009.fzi.de/>