Rules and Rule Markup Languages for the Semantic Web

Preface

This special issue of Fundamenta Informaticae on Rules and Rule Markup Languages for the Semantic Web contains extended versions of selected papers from the Second International Conference on Rules and Rule Markup Languages (RuleML 2006), which was held in Athens, Georgia, on November 10 and 11, 2006.

Out of more than 40 original submissions, eleven were selected for presentation at a conference and the following four were selected for this special issue after two rounds of additional reviewing:

- Jos de Bruijn and Stijn Heymans. On the Relationship between Predicate-based and Frame-based Ontologies

- Erik Behrends, Oliver Fritzen, Wolfgang May and Franz Schenk. Embedding Event Algebras and Process Algebras in a Framework for ECA Rules for the Semantic Web

- Carlos Damasio, Jeff Z. Pan, Giorgos Stoilos and Umberto Straccia. Representing Uncertainty Rules in RuleML

- Thomas Lukasiewicz. Fuzzy Description Logic Programs under the Answer Set Semantics for the Semantic Web

We are grateful for the dedicated work of more than 50 top experts in the field who served on the program committee of RuleML 2006 and to the external referees who volunteered their time to provide additional reviews for the conference and for this special issue. Special thanks goes to Professors V.S. Subrahmanian and Andrzej Skowron for their efforts and help, which ensured the success of this issue.

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