CONFERENCE PROGRAM

RuleML-2006
Rules and Rule Markup Languages for the Semantic Web

Second International Conference
Athens, Georgia, U.S.A.
10-11 November 2006

Second International Conference on Rules and Rule Markup Languages for the Semantic Web

Sponsors:

Data, Information, and Process Integration with Semantic Web Services

Digital Enterprise Research Institute

Knowledge Web

NASA Ames Research Center

Conference Organization:

Program chairs:
    Thomas Eiter, Vienna University of Technology, Austria
    Enrico Franconi, Free University of Bolzano, Italy
    Ralph Hodgson, Top Quadrant, USA
    Susie Stephens, Oracle, USA

General Chair

    Michael Kifer, State University of New York at Stony Brook, USA

Publicity Chair

    Jos de Bruijn, DERI Innsbruck, Austria

Workshop chairs:
    Leo Obrst, MITRE
    Suzette Stoutenberg, MITRE

Room guide:

Registration: Foyer of Oconee River Room
Talks: Oconee River Room 1
Lunches: High Shoals Room
Poster Session and Reception: High Shoals Room
Work/break room: Willow Room

Day 1: November 10

08:15 - 16:00 *Registration desk hours*

08:45 - 09:00 Welcome
09.00 - 10.00 Keynote I (Chair: Michael Kifer)
- The limits and possibilities of combining Description Logics and Datalog. *Riccardo Rosati*

10.00 - 10.30 Coffee break
10.30 - 11.30 Research Session I - Ontologies & rules (Chair: Ora Lassila)
- Translating Ontologies from Predicate-based to Frame-based Languages. *Jos de Bruijn and Stijn Heymans*
- How to reason with OWL in a logic programming system. *Markus Kroetzsch, Pascal Hitzler, Denny Vrandecic and Michael Sintek*

11.30 - 12.30 Research Session II - Rules and Interoperability
                  (Chair: Pascal Hitzler)
- Combining ECA Rules with Process Algebras for the Semantic Web. *Erik Behrends, Oliver Fritzen, Wolfgang May and Franz Schenk*
- A Framework for Composition and Interoperation of Rules in the Semantic Web. *Enrico Pontelli, Chitta Baral and Tran Son*

12.30 - 13.30 Lunch
13.30 - 16.00 Tutorial I (Chair: Thomas Lukasiewicz)
- Semantic Web Policies: Where are we and What is still Missing? *Piero A. Bonatti and Daniel Olmedilla*

16.00 - 16.30 Coffee break
16.30 - 18.30 Industry Session (Chair: Wolfgang May)
- Generating Rewrite Rules by Browsing RDF Data. *Ora Lassila*
- Semantic Information Integration with Software AGs Information Integrator. *Juergen Angele and Michael Gesmann*
- BaseVISor: A Triples-Based Inference Engine Outfitted to Process RuleML and R-Entailment Rules. *Christopher Matheus, Kenneth Baclawski and Mieczyslaw Kokar*
- Applying Semantic Rules to Achieve Dynamic Service Oriented Architectures. *Suzette Stoutenburg, Leo Obrst, Deborah Nichols, Ken Samuel and Paul Franklin*

19:30 - 21:30: Poster Session and Reception (buffet dinner served)

Day 2: November 11

08:15 - 10:15 Registration desk hours

08:30 - 10:30 Ontology and Rule Integration Workshop
              (Chair: Suzette Stoutenburg)
- Combining safe rules and ontologies by interfacing of reasoners. Jakob *Henriksson and Jan Maluszynski*
- Combining XML querying with ontology reasoning. *Wlodzimierz Drabent and Artur Wilk*
- Experiments in cognitive radio and dynamic spectrum access using an ontology driven hybrid architecture. *Allen Ginsberg, William Horne and Jeffrey Poston*
- A logic for hybrid rules. *Axel Polleres, David Pearce, Agustn Valverde and Jos De Bruijn*

10:30 - 11:00 Coffee break
11:00 - 12.00 Fishbowl panel (Chair: Ralph Hodgson)
- Challenges in Real World Applications of Rules and Ontologies.

12.00 - 13.00 Lunch
13.00 - 14.00 Keynote II (Chair: Son Cao Tran)
- Rule-based intelligence in the Semantic Web -or- "I'll settle for a web that's just not so dumb!" *Dean Allemang*

14:00 - 14:15 Coffee break
14.15 - 15.45 Research Session III - Uncertainty and rules
        (Chair: Jos de Bruijn)
- Fuzzy Description Logic Programs under the Answer Set Semantics. *Thomas Lukasiewicz*
- An Approach to Representing Uncertainty Rules in RuleML. *Carlos Damasio, Jeff Pan, Giorgos Stoilos and Umberto Straccia*
- Learning Rules to Pre-process Web Data for Automatic Integration. *Kai Simon, Thomas Hornung and Georg Lausen*

15.45 - 16.15 Coffee break
16.15 - 18.45 Tutorial II (Chair: Axel Polleres)
- Bridging Research and Practice - Making Real-World Application of Ontologies and Rules. *Harold Boley, Holger Knublauch and Adrian Paschke*