Day 1: Thursday, October 21, 2010

08:00 – 08:30  Registration and continental breakfast
08:30 – 08:40  Chairs’ Opening Address
08:40 – 09:40  **Keynote:** NIEM Canonical XML Dictionaries and Rule Engine Systems  
*David Webber (ACM)*

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<tr>
<th>Track: Rules and Uncertainty</th>
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| 09:40 – 10:20  A Practical Management of Fuzzy Truth-Degrees using FLOPER  
*Pedro J. Morcillo, Ginés Moreno, Jaime Penabad, and Carlos Vázquez (University of Castilla-La Mancha)* |
| 10:20 – 11:00  A Rule-Based Implementation of Fuzzy Tableau Reasoning  
*Stefano Bragaglia, Federico Chesani, Paola Mello and Davide Sottara (University of Bologna)* |
| 11:00 – 11:15  Break |

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<th>Track: Rule Transformation and Extraction</th>
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| 11:15 – 11:55  Generating SQL Queries from SBVR Rules  
*Sotiris Moschoyiannis, Alexandros Marinos and Paul Krause (University of Surrey)* |
*Jie Bao, Graham Rong, Xian Li and Li Ding (Rensselaer Polytechnic Institute)* |
| 12:15 – 12:35  Transformation of SBVR Compliant Business Rules to Executable FCL Rules  
*Aqueo Kamada (CTI, Brazil), Guido Governatori (NICTA, Queensland Research Laboratory), Shazia Sadiq (University of Queensland)* |
| 12:35 – 13:40  Lunch |

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<th>Boxed lunch panel session (joint with Business Rules Forum):</th>
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| 12:35 – 13:35  Rules on the Web – where are we now?  
*Moderator: John Hall (Model Systems)* |

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<th>Track: Rule-based Event Processing and Reaction Rules</th>
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| 13:40 – 14:20  Ensuring Compliance with Semantic Constraints in Process Adaptation with Rule-Based Event Processing  
*Akhil Kumar, Wen Yao, Chao-Hsien Chu and Zang Li (Penn State University)* |
| 14:20 – 14:40  Establishing a Procedure Model for Combining and Synergistically Aligning Business Rules and Processes within Ontologies  
*Alexander Sellner (FH Joanneum University of Applied Sciences), Adrian Paschke (Free University Berlin) and Erwin Zinser (FH Joanneum University of Applied Sciences)* |

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<th>Track: Rules, Semantic Technology, and Cross-Industry Standards</th>
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| 14:40 – 15:20  RuleML 1.0: The Overarching Specification of Web Rules  
*Harold Boley (National Research Council of Canada), Adrian Paschke (Freie Universitaet Berlin), Omair Shaq (University of Calgary)* |
15:20 – 15:40 Break + Exhibition Room: demo industry presentations

15:40 – 16:20 **Invited technical presentation:** How Far from Here to Object-oriented RIF?
*Christian de Sainte Marie (IBM)*
Track: Rules and Inferencing

16:20 – 17:00 Enhancing a Smart Space with Answer Set Programming
*Vesa Luokkala and Ilkka Niemela (Nokia Research Center, Helsinki)*

17:00 – 17:40 Superiority Based Revision of Defeasible Theories
*Guido Governatori (NICTA, Queensland Research Laboratory), Francesco Olivieri, Simone Scannapieco and Matteo Cristani (University of Verona)*

17:40 – 18:00 On the Problem of Computing Ambiguity Propagation and Well-Founded Semantics in Defeasible Logic
*Ho-Pun Lam (University of Queensland), Guido Governatori (NICTA, Queensland Research Laboratory)*

18:00 – 18:30 Break

18:30 – 21:00 Meetup with Washington DC Semantic Web Meetup (WSWM) Group

**Day 2: Friday, October 22, 2010**

08:00 – 08:30 Registration and continental breakfast

08:30 – 08:40 Chairs: Introduction to the day, announcements

08:40 – 09:40 **Keynote:** Logical Spreadsheets
*Michael Genesereth (Stanford University)*
Track: Rules and Norms

09:40 – 10:20 Defining Access Control Rules with Conditions
*Mark H. Linehan (IBM)*

10:20 – 10:40 Break

10:40 – 11:20 Norm Compliance in Business Process Modeling
*Guido Governatori (NICTA, Queensland Research Laboratory), Antonino Rotolo (University of Bologna)*

11:20 – 12:00 Application of an Ontology-based and Rule-based Model to Selected Economic Crimes: Fraudulent Disbursement and Money Laundering
*Jaroslaw Bak, Czeslaw Jedrzejek and Maciej Falkowski (Poznan University of Technology)*

Special Session: Common Logic and RuleML

12:00 – 12:40 **Invited technical presentation:** Common Logic
*John Sowa*

12:40 – 13:40 Lunch

Special Session: Common Logic and RuleML, cont’d

13:40 – 14:20 **Invited technical presentation:** How To Marry Common Logic with Rules and a Visual Query Builder to RuleML
*Jans Aasman (Franz, Inc)*
RuleML Challenge

14:20 – 14:40 RIF Production Rule Dialect (PRD) interoperability demonstration
Christian de Sainte Marie (IBM), Gary Hallmark (Oracle), Mark Proctor (Red Hat)

14:40 – 15:00 The Rule Responder Distributed Reputation Management System for the Semantic Web
Adrian Paschke (Free University Berlin) and Rehab Alnemr (Hasso Plattner Institute)

15:00 – 15:20 Demonstration of XML Validation Framework using OASIS CAM Approach
David Webber (OASIS CAM TC)

15:20 – 15:40 Break

15:40 – 16:00 User-Defined Rules in a Distributed Address Book
Hannes Mühlisen and Adrian Paschke (Free University Berlin)

16:00 – 16:20 Omni-directional Hyper Logic Programs in SILK and RIF
Benjamin Grosof (Vulcan Inc.), Carl Andersen (Raytheon BBN Technologies), Mike Dean (Raytheon BBN Technologies), and Michael Kifer (Stony Brook University)

16:20 – 16:40 RIF-BLD Reasoning with IRIS
Daniel Winkler, Reto Krummenacher and Adrian Marte (University of Innsbruck)

16:40 – 17:00 Application of the SDL Library to Reveal Legal Sanctions for Crime Perpetrators in Selected Economic Crimes: Fraudulent Disbursement and Money Laundering
Maciej Falkowski, Jaroslaw Bak and Czeslaw Jedrzejek (Poznan University of Technology)

17:00 – 17:20 An SBVR to SQL Compiler
Alexandros Marinos, Sotiris Moschouyiannis and Paul Krause (University of Surrey)

17:20 – 17:40 SBVR based Business Contract and Business Rule IDE
Aqueo Kamada (CTI, Brazil), Guido Governatori (NICTA Australia) and Shazia Sadiq (University of Queensland)

17:40 – 18:00 SEWEBAR-CMS: A System for Postprocessing Data Mining Models
Tomáš Kliegr, David Chudán, Andrej Hazucha and Jan Rauch (University of Economics, Prague)

18:00 – 18:20 Visual Interfaces for the Development of Event-based Web Agents in the IRobot System
Liangyou Chen (ACM Member)

18:20 – 18:40 A Common Interface for Multi-rule-engine Distributed Systems
Pierre de Leusse (AGH University of Science and Technology)

18:40 – 19:30 Break

19:30 – 22:00 Conference dinner

Day 3: Saturday, October 23, 2010

08:00 – 08:30 Registration and continental breakfast

08:30 – 08:40 Chairs: Introduction to the day, announcements

08:40 – 09:40 Invited demonstration: Implementing SBVR with a Practitioner’s Perspective
Donald Chapin (Business Semantics Ltd)

Track: Rule-Based Distributed/Multi-Agent Systems
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<th>Time</th>
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  *Kalliopi Kravari, Grammati-Eirini Kastori and Nick Bassiliades (Aristotle University of Thessaloniki), Guido Governatori (NICTA, Queensland Research Laboratory)* |
| 10:20 – 10:40 | Break                                                                   |
| 10:40 – 11:20 | Photorealistic Semantic Web Service Groundings: Unifying RESTful and XML-RPC Groundings Using Rules, with an Application to Flickr  
  *Dave Lambert and John Domingue (The Open University, UK)* |
| 11:20 – 11:40 | Towards the Web of Models: A Rule-driven RESTful Architecture for Distributed Systems  
  *Alexandros Marinos and Paul Krause (FEPS, University of Surrey)* |
| 11:40 – 12:00 | Authoring Business Rules grounded in OWL Ontologies  
  *Amina Chniti, Sylvain Dehors and Patrick Albert (IBM) and Jean Charlet (INSERM UMRS, Paris)* |
| 12:00 – 12:40 | Visualizing Logical Dependencies in SWRL Rule Bases  
  *Saeed Hassanpour, Martin J. O'Connor and Amar K. Das (Stanford Center for Biomedical Informatics Research)* |
| 12:40 – 13:35 | Lunch                                                                   |
  *Sietse Overbeek and Marijn Janssen (Delft University of Technology) and Patrick van Bommel (Radboud University Nijmegen)* |
| 13:55 – 14:35 | An XML Format for Association Rule Models based on the GUHA Method  
  *Tomáš Klieg and Jan Rauch (University of Economics, Prague)* |
| 14:35 – 15:15 | **Invited demonstration:** Rule-based Composition and Mediation of Environmental Services  
  *Dumitru Roman (SINTEF ICT)* |
| 15:15 – 15:30 | Break                                                                   |
| 15:30 – 16:30 | From the Front Line  
  *Progress reports on web rules development projects* |
| 16:30 – 16:45 | Conference review and close                                           |