

2008 International RuleML Symposium on Rule Interchange and Applications

Detailed Program

October 30th, 2008 (Thursday)	
7.00 am – 4.00 pm	Registration Open
7.00 – 8.00 am	Continental Breakfast
8.00 - 8.15 am	Room Senate/Gallery
	Opening Address from Chairs
8.15 - 09.15 am	Room Senate/Gallery
	Keynote: <i>Event and Process Semantics will Rule</i> by Paul Haley (Haley Systems, Inc.) Chair: Nick Bassiliades
9.15 - 10.45 am	Room Senate/Gallery
	Session 1: Rule Engineering Chair: Mark Linehan
	Development and Verification of Rule Based Systems - a Survey of Developers <i>Valentin Zacharias</i>
	Connecting legacy code, business rules and documentation <i>Erik Putrycz and Anatol Kark</i>
	Verifying resource requirements for distributed rule-based systems <i>Natasha Alechina, Brian Logan, Hoang Nga Nguyen and Abdur Rakib</i>
	Meta-Analysis for Validation and Strategic Planning <i>David Ostrowski</i>
10.45 - 11.00 am	Break
11.00 am - 12.15 pm	Room Senate/Gallery
	Special Invited Session on Rule Standards Chair: Gary Hallmark
	OMG Production Rule Representation <i>Paul Vincent</i>
	RIF Production Rule Dialect <i>Christian de Sainte Marie</i>
	An SBVR Vocabulary for Date and Time <i>Mark Linehan</i>
12.25 - 1.45 pm	Room Great Hall North
	Boxed Lunch Panel Session: <i>Rules on the Web</i> Joint with BRF Moderator: John Hall
	<u>Panellists:</u> <i>B. Grosz, G. Hallmark, S. Ross-Talbot, M. Linehan, M. Proctor</i>

October 30th, 2008 (Thursday)

1.45 - 2:45pm	Room Senate/Gallery
	<p>Keynote: <i>The Power of Events - An Introduction to Complex Event Processing in Distributed Enterprise Systems</i> by David Luckham (Stanford University, USA) Chair: Adrian Paschke</p>
2:45 - 3.00 pm	Break
3.00 - 4.30 pm	Room Senate/Gallery
	<p>Session 2: Rule-based Methodologies and Applications in Policies, Electronic Contracts and Security Chair: Matthias Nickles</p>
	<p>Abductive Workflow Mining using Binary Resolution on Task Successor Rules <i>Scott Buffett</i></p>
	<p>A Rule-Based Framework to Design Compliant Business Processes Using Role Patterns <i>Akhil Kumar and Rong Liu</i></p>
	<p>Detection of Suspicious Activity Using Different Rule Engines - Comparison of BaseVISor, Jena and Jess Rule Engines <i>Jakub Moskal and Christopher Matheus</i></p>
<p>A Rule-based Notation to Specify Executable Electronic Contracts <i>Massimo Strano, Carlos Molina-Jimenez and Santosh Shrivastava</i></p>	
4.30 – 6.15 pm	Room Senate/Gallery
	<p>RuleML-2008 Challenge Chair: Yuh-Jong Hu</p>
	<p>Storing and Querying RIF Rules in pureXML <i>Susan Malaika</i></p>
	<p>Please Pass the Rules: A Rule Interchange Demonstration <i>Gary Hallmark, Christian de Sainte Marie, Marcos Didonet Del Fabro, Patrick Albert and Adrian Paschke</i></p>
	<p>Self-sustained Routing for Event Diffusion in Sensor Networks <i>Kirsten Terfloth and Jochen Schiller</i></p>
	<p>On Extending RuleML for Modal Defeasible Logic <i>Guido Governatori and Duy Pham</i></p>
	<p>Building Collaborative Legal Rulebases with Jureeka! <i>Michael Poulshock.</i></p>
	<p>Deploying a Distributed Symposium Planner Through Rule Responder <i>Benjamin Larry Craig</i></p>
	<p>PROLOGA: from Business Knowledge Modeling to RuleML <i>Jan Vanthienen</i></p>
	<p>Seamless Software Evolution with Rule Based Control Flow Externalization <i>Urjaswala Vora, Peeyush Chomal, Rahul Upadhyay and Abhishek Tewari</i></p>
7.30 pm	Symposium Dinner

October 31st, 2008 (Friday)

7.00 -8.30 am	Registration
7.00 -8.30 am	Continental Breakfast
8.30 - 9.15 am	Room Great Hall West
	Special Invited Demo Session Chair: Robert Golan
	A Wiki for Rules in Executable English, and its Use in Finding Drug Interactions via Automatically Generated SQL <i>Adrian Walker</i>
	Brokering Semantic Web Agents: A Use Case for a Defeasible Reasoning Service <i>Nick Bassiliades</i>
9.15 - 10.45 am	Room Great Hall West
	Session 3: Rule Representation Languages and Reasoning Engines Chair: Scott Buffett
	On Extending RuleML for Modal Defeasible Logic <i>Duy Pham, Guido Governatori, Simon Raboczi, Andrew Newman and Subhasis Thakur</i>
	Adding Uncertainty to a Rete-OO Inference Engine <i>Davide Sottara, Paola Mello and Mark Proctor</i>
	Programming with Fuzzy Logic Rules by using the FLOPER Tool <i>Pedro-Jose Morcillo and Gines Moreno</i>
	Ruling networks with RDL: A domain-specific language to task sensor networks <i>Kirsten Terfloth and Jochen Schiller</i>
10.45-11.00 am	Break
11.00 am - 12:00 pm	Room Great Hall West
	Keynote: Rule Interchange Format: The Framework by Michael Kifer (State University of New York at Stony Brook, USA) Joint with RR2008 – broadcasted from Karlsruhe Chair: Jan Vanthienen
12.00 - 1.30 pm	Room Great Hall West
	Session 4: Rule-based Methodologies and Applications in Distributed and Heterogeneous Environments Chair: Akhil Kumar
	Local and Distributed Defeasible Reasoning in Multi-Context Systems <i>Antonis Bikakis and Grigoris Antoniou</i>
	Personal Agents in the Rule Responder Architecture <i>Benjamin Craig and Harold Boley</i>
	Semi-automatic Composition of Geospatial Web Services Using JBoss Rules <i>Raluca Zaharia, Laurentiu Vasiliu and Costin Badica</i>
A RuleML Study on Integrating Geographical and Health Information <i>Sheng Gao, Darka Mioc, Harold Boley, François Anton and Xiaolun Yi</i>	

October 31st, 2008 (Friday)

1.30 - 2.30 pm	Lunch
2.30 - 4.00 pm	Room Great Hall West
	Session 5: Natural-language and Graphical Rule Representation and Processing Chair: Mark Proctor
	SBVR Use Cases <i>Mark Linehan</i>
	Visualization of Proofs in Defeasible Logic Ioannis Avguleas, Katerina Gkirtzou, Sofia Triantafilou, Antonis Bikakis, Grigoris Antoniou, Efstratios Kontopoulos and Nick Bassiliades
	Building an Autopoietic Knowledge Structure for Natural Language Conversational Agents <i>Kiyoshi Nitta</i>
A Functional Spreadsheet Framework for Authoring Logic Implication Rules <i>Marcelo Tallis and Robert Balzer</i>	
4.00 - 4.30 pm	Room Great Hall West
	Best Paper Award, RuleML-2008 Challenge Award
4.30 - 4.45 pm	Break
4.45 - 5:45pm	Room Great Hall West
	Keynote: Hyper Logic Programs in SILK: Redefining the KR Playing Field for Business and VLKB by Benjamin Grosf (Vulcan, Inc.) Chair: Guido Governatori
5.45-6.15 pm	Room Great Hall West
	Closing Session: Wrap-Up, RuleML General Open Meeting, Snacks
6.15 pm	RuleML Steering Committee Meeting (closed)