

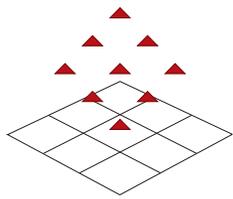
RuleML (Web Rule Symposium) 2016 Report

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■ *This article reports on the 10th International Web Rule Symposium, which was held at Stony Brook University in Stony Brook, New York, from July 6–9, 2016.*

The 10th International Web Rule Symposium (RuleML 2016)¹ was held at Stony Brook University, Stony Brook, New York, from July 6–9, 2016. A total number of 68 papers were submitted from which 18 full papers, 2 short papers, 3 industry papers, 7 challenge papers, and 3 Doctoral Consortium papers were selected. Moreover, 2 keynote and 2 tutorial papers were invited. Most regular papers were presented in one of these tracks: Smart Contracts, Blockchain, and Rules, Constraint Handling Rules, Event Driven Architectures and Active Database Systems, Legal Rules and Reasoning, Rule- and Ontology-Based Data Access and Transformation, Rule Induction, and Learning.

Following up on previous years, RuleML also hosted the 6th RuleML Doctoral Consortium and the 10th International Rule Challenge, which this year was dedicated to applications of rule-based reasoning, such as Rules in Retail, Rules in Tourism, Rules in Transportation, Rules in Geography, Rules in Location-Based Search, Rules in Insurance Regulation, Rules in Medicine, and Rules in Ecosystem Research.



Mark Your Calendars!
2017 Fall Symposium Series
November 9-11, 2017

The 2017 AAI Fall Symposium Series will be held Thursday through Saturday, November 9-11, at the Westin Arlington Gateway in Arlington, Virginia, adjacent to Washington, DC. Proposals are due April 21, and accepted symposia will be announced in late May. Submissions will be due July 21, 2017. For more information, please see the 2017 Fall Symposium Series website.

www.aaai.org/Symposia/Fall/fss17.php

This year's symposium featured four invited keynote and tutorial talks. Keynote speaker Richard Waldinger of SRI International presented Natural Language Access to Data: It Needs Reasoning. Keynote speaker Bruce Silver of Bruce Silver Associates spoke on DMN as a Decision Modeling Language. Tutorial speaker Neng-Fa Zhou, of City University of New York, presented Programming in Picat, while tutorial speakers Michael Kifer, Theresa Swift, and Benjamin Grosz of Coherent Knowledge Systems presented Practical Knowledge Representation and Reasoning in Ergo.

As a novelty this year, there was a highly successful colocation between RuleML 2016 and Decision-CAMP 2016, facilitated by Jacob Feldman and colleagues. A total number of 132 participants attended both conferences and the affiliated subevents. The colocation was a great opportunity for the rule-based community and the industrial decision-modeling community to mingle at one of the several joint events, including the joint reception on Tuesday July 6 and the Thursday July 8 conference dinner at the Hilton Garden Hotel. Other joint events included the joint keynote by Bruce Silver; the joint tutorial by Neng-Fa Zhou; and the RuleML industry session on Friday, July 9.

The RuleML 2016 Best Paper Awards were presented to Iliano Cervesato, Edmund Soon Lee Lam, and Ali Elgazar for their paper Choreographic Compilation of Decentralized Comprehension Patterns and ro Ho-Pun Lam, Mustafa Hashmi, and Brendan Scofield for their paper Enabling Reasoning with LegalRuleML.

The 10th International Rule Challenge Awards went to Ingmar Dasseville, Laurent Janssens, Gerda Janssens, Jan Vanthienen, and Marc Denecker, for their paper Combining DMN and the Knowledge Base Paradigm for Flexible Decision Enactment, and Jacob Feldman for his paper What-If Analyzer for DMN-based Decision Models.

As in previous years, RuleML 2016 was also a place for presentations and face-to-face meetings about rule technology standardizations, which this year covered RuleML 1.02 (System of Families of Languages and Knowledge-Interoperation Hub) and DMN 1.1 (OMG DMN RTF).

Details about the RuleML and DecisionCAMP 2016 programs can be found at the Rule ML website.^{1,2,3} The proceedings are available from Springer. Workshop proceedings have been uploaded to the CEUR proceedings site. The RuleML videos are available from Youtube.⁴

We would like to thank our sponsors, whose contributions allowed us to cover the costs of student participants and invited/keynote speakers. We would also like to thank all the people who have contributed to the success of this year's special RuleML 2016 and collocated events, including the organization chairs, PC members, authors, speakers, and participants.

The RuleML community will join forces with the RR (Web Reasoning and Rule Systems) community for a joint conference in 2017, which will be held in London, UK. RuleML+RR 2017: International Joint Conference on Rules and Reasoning is being organized under the leadership of Fariba Sadri and Roman Kontchakov.

Notes

1. 2016.ruleml.org.
2. link.springer.com/book/10.1007/978-3-319-42019-6.
3. ceur-ws.org/Vol-1620.
4. www.youtube.com/playlist?list=PLQkz10de_pG8xli3t_aTOJHzrgkQhIOba.

Paul Foder was general chair of RuleML. He is a research assistant professor at Stony Brook University in New York.

Guido Governatori was a program cochair of Rule ML. He is a senior principal researcher and leads the research activities on business processes and legal informatics at data61 and the Commonwealth Scientific and Industrial Research Organisation in Australia.

José Júlio Alfes served as a program cochair of Rule ML. He is a professor at Universidade Nova de Lisboa, Portugal.

Leopoldo Bertossi served as program cochair of RuleML. He is a professor at Carleton University, Canada.