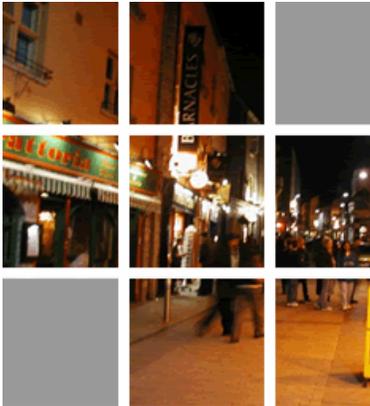


SWPW



Semantic Web and Policy Workshop

4th International Semantic Web Conference

7 November 2005, Galway, Ireland

This workshop is aimed at two different areas of research - (i) policy-based frameworks for the semantic web for security, privacy, trust, information filtering, accountability, etc. and (ii) the applicability of semantic web technologies in policy frameworks for other application domains such as grid computing, networking, storage systems, and describing norms for multiagent systems. This workshop will bring together not only researchers and developers but also users of policy systems in both these areas in an attempt to understand the scope of semantic web based policy frameworks and their usefulness.

Chairs

Lalana Kagal, MIT
Jim Hendler, University of Maryland
Tim Finin, UMBC

Program Committee

Anne Anderson, Sun Microsystems
Vijay Atluri, Rutgers University
Jeremy Carroll, HP labs
Dan Connolly, W3C
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Hannover
Daniel Olmedilla, L3S
Bijan Parsia, UMCP
Eric Prud'hommeaux, W3C
Norman Sadeh, CMU
Babak Sadighi, SICS
Stefan Poslad, Queen Mary, U.
London
Kent Seamons, BYU
Anna Squicciarini, Purdue
William Winsborough, GMU
Mahesh Tripunitara, Purdue

- Policy specification, implementation, and enforcement
- Static and dynamic conflict resolution
- Dynamic policy modification
- Formal models for policy verification
- Applicability of XML, RDF and OWL for policy specification
- Using SW rule languages (e.g. RuleML, SWRL, N3) for policies
- Policies for access control, privacy, and accountability
- Obligation management
- Business contracts and rules
- Decidability and tractability issues
- Policy engineering and user-oriented policy authoring systems
- Case studies for policy management using semantic web technologies, including web site access, network routing, storage management, grid computing, pervasive computing, information filtering, digital rights management, collaboration

Format and venue. SWPW will be a one day workshop consisting of invited talks, presentations of submitted papers, a panel and ample time for discussion. The workshop will be held as part of ISWC 2005 in Galway, Ireland.

Submission details. We seek two kinds of papers: research papers that report on the results of original research and short papers that articulate a position, describe an application or demonstrate a working language or system. Both research papers and short papers will be included in the workshop proceedings. Research papers should describe original research not published elsewhere and should not exceed eight pages in length. Short papers are expected to be four to six pages. Short position papers should provide insight into the requirements for, or challenges of, developing or applying policies for web-based information systems. Short application papers should describe an implemented novel use of policies in a web-based environment. Short demonstration papers should document an implemented system or language that uses policies. Each submission should indicate the type of paper being submitted: research, position, application or demonstration.

Deadlines. Papers must be submitted electronically through the SWPW web site by 25 July 2005. Decisions will be announced on 5 September and final camera ready copy must be submitted by 30 September.

<http://cs.umbc.edu/swpw/>