POLICY 2007
13-15 JUNE 2007, BOLOGNA, ITALY

CFP—EXTENDED DEADLINE

8TH IEEE INTERNATIONAL WORKSHOP ON Policies for Distributed Systems and Networks

http://www.policy-workshop.org/2007

Held every year since 1999, the Policy Workshop has become the premier forum for exchange of research results and experience reports on all aspects of policy-based management of IT systems. Policy 2007 aims to bring together researchers and practitioners working on policy-based management across a wide range of application domains including networks, security and privacy, storage, and databases.

This year, the workshop will have a special focus on the **Semantic Web**. The Semantic Web provides promising technologies for policy-based management both for the Web and other distributed systems such as the pervasive environments, grid computing, and multi-agent systems. We invite semantic web researchers to attend, and contribute to, Policy 2007, for a unique opportunity to introduce the latest developments in semantic web policies to researchers in other policy areas, and also to learn from the latter's experiences. Policy 2007 would like to bring together researchers of both the semantic web and policy in an attempt to explore the utility of semantic web based policy frameworks to various applications. We are also organizing a special issue of Elsevier's Journal of Web Semantics. Authors of the best papers covering topics relevant to Semantic Web will be invited to submit extended versions of their work to this issue.

POLICY 2007 invites unpublished novel contributions on all aspects of policy-based management. Papers must describe original work and must not have been accepted or submitted for publication elsewhere. Submitted papers will be evaluated for technical contribution, originality, and significance. Topics of interest include, but are not limited to the following:

Organizing Committee

General Chairs:
→ Claudio Bartolini *(HP Labs)*
→ Rebecca Montanari *(University of Bologna)*

Program Chairs:
→ Dakshi Agrawal *(IBM Research)*
→ Elisa Bertino *(Purdue University)*

Semantic Web Track Chair:
→ Lalana Kagal *(MIT)*

Finance Chair:
→ Julian Newman *(Glasgow Caledonian University)*

Local Arrangement Chair and Web Chair:
→ Alessandra Toninelli *(University of Bologna)*

Publicity Chair:
→ Arosha Bandara *(The Open University, UK)*

Program Committee:
→ Gail-Joon Ahn *(UNC Charlotte)*
→ Anne Anderson *(Sun Microsystems)*
→ Jean Bacon *(Cambridge University)*
→ Chris Bizer *(FU Berlin)*
→ Piero Bonatti *(University of Naples)*
→ Marcus Brunner *(NEC)*
→ Mark Burgess *(Oslo University College)*
→ Seraphin Calo *(IBM TJ Watson Research Labs)*
→ Marco Casassa-Mont *(HP Labs)*
→ Ritu Chadha *(Telcordia Technologies)*
→ Lorrie Cranor *(CMU)*
→ Bruno Crispo *(University of Trento)*
→ Grit Denker *(SRI)*
→ Naranker Dulay *(Imperial College London)*
→ Tim Finin *(University of Maryland at BC)*
→ Francisco Garcia *(Agilent)*
→ Virgil Gligor *(University of Maryland at CP)*
→ Jennifer Golbeck *(University of Maryland at CP)*
→ Christian Jensen *(Technical University of Demark)*
→ Ora Lassila *(Nokia Research Centre)*
→ Jorge Lobo, *(IBM TJ Watson Research Labs)*
→ Emil Lupu *(Imperial College London)*
→ Hanan Lutfiyya *(University of Western Ontario)*
→ Deborah McGuinness *(Stanford University)*
→ Naftaly Minsky *(Rutgers University)*
→ Mukesh Mohania *(IBM India)*
→ Ken Moody *(Cambridge University)*
→ Filip Perich *(Shared Spectrum)*
→ Babak Sadighi Firozabadi *(SICS)*
→ Akhil Sahai *(HP Labs)*
→ Andreas Schaad *(SAP)*
→ Nahid Shahmehri *(Linkopings Universitet)*
→ Anoop Singhal *(NIST)*
→ Morris Sloman *(Imperial College London)*
→ Anna C. Squicciarini *(Purdue University)*
→ John Strassner *(Motorola)*
→ Joe Sventek *(University of Glasgow)*
→ Bhavani Thuraisingham *(UT Dallas)*
→ Duminda Wijesekera *(George Mason University)*
→ William Winsborough *(UT San Antonio)*

Policy Models and Languages:
→ Abstract models and languages for policy specification
→ Policy standards, their extensions and refinements
→ Formal semantics of policies
→ Relationships between policies, both going from policies for IT processes to policies for IT devices, and crossing through multiple application domains
→ Methodologies and tools for discovering, specifying, analyzing, and refining policy
→ Models of policy negotiation
→ Representing belief, trust, and risk in policies
→ Systems and tools for policy management

Policy Applications:
→ Case studies of applying policy-based management
→ Application of policies for resource allocation, autonomic computing, systems management, QoS adaptation, security.
→ Application of policies for identity and privacy management
→ Policy based networking, including active networks, pervasive computing, and mobile systems
→ Business rules and organizational modeling
→ Risk adaptive policy systems
→ Database policies
→ Policy applications in on-demand, utility based computing
→ Resource virtualization and policy-based collaboration

Semantic Web Policies – *special focus track*
→ Representing policies in XML, RDF, and OWL
→ SW rule languages (such as N3Logic, SWRL, Rule-ML, RIF) for policy reasoning
→ Policy conflict management
→ Case studies for policy management using semantic web technologies
  • Network routing
  • Storage management
  • Grid computing
  • Mobile computing
  • Information filtering
  • Digital rights management
  • Collaboration
→ Access control models for the Web / Semantic Web
→ Privacy and accountability on the Web
→ Identity management
→ Policy authoring based on SW languages
→ Modeling belief and trust using SW technologies
→ Web services security
→ Analysis of or systems based on proposed policy standards (such as WS-Policy, WSPL, and XACML)
→ Semantic Web and eGovernment management

Author Guidelines :
Proceedings from the workshop will be published by IEEE Computer Society. All submissions must be in IEEE Proceedings 2-Column Format (see http://ieee-formats.notlong.com) satisfying the following page limits: *Technical papers (10 pages), Short Position papers (4 pages).* We particularly encourage contributions from industry in the form of long or short papers.

Important Dates: SUBMISSION DEADLINE EXTENDED TO *Dec 17, 2006*
Author Notification: *Feb 21, 2007* — Camera-ready Copy Due: *Mar 21, 2007*