

IEEE INTERNATIONAL SYMPOSIUM ON Policies for Distributed Systems and Networks

<http://www.ieee-policy.org>

Submission Instructions

Proceedings from the Symposium will be published by IEEE Computer Society; submissions must be in IEEE Proceedings 2-Column format (<http://ieeeformats.notlong.com>), and must satisfy the following page limits:

- **Technical papers** (max. length 8 pages).
- **Short position papers** describing preliminary experimental results, experiences with deployed policy systems, new applications or new policy research challenges (max. length 4 pages)
- **System demonstration descriptions** illustrating innovative applications of policy-based technologies (max length 2 pages, not including references).

System demonstration submissions will be evaluated on the basis of their technical merit and novelty.

We particularly encourage contributions from industry in the form of long or short papers. Commercial products are eligible to be submitted as system demonstrations, but sales/marketing activities are not appropriate.

Papers under review elsewhere must NOT be submitted to Policy 2011.

Important Deadlines:

Papers

Registration	8-Dec-10	20-Dec
Submission	15-Dec-10	22-Dec
Notification	18-Feb-11	
Camera-ready	18-Mar-11	

Demos

Submission	20-Jan-11	27-Jan
Notification	18-Feb-11	
Camera-ready	18-Mar-11	

The symposium brings together researchers and practitioners working on policy-based systems across a wide range of application domains including policy-based networking, privacy, trust and security management, autonomic computing, pervasive systems and enterprise systems. POLICY 2011 is the 12th in a series of successful events, which have provided a forum for discussion and collaboration between researchers, developers and users of policy-based systems.

In addition to the areas mentioned above, we specifically encourage this year contributions on policy-based techniques in support of Cloud computing and Enterprise Service Oriented applications as well as the use of reasoning, verification and learning techniques in policy-based systems. Topics of interest include, but are not limited to the following:

Privacy and Security

- Frameworks and tools
- Deployment and enforcement architecture
- Refinement of requirements into policies
- Inconsistency Detection and resolution
- Usability of policy-based privacy and security management tools

Policy Applications

- Federated policy management
- Case studies of policy-based management
- Policy-based resource allocation, autonomic computing,
- Policy-based systems for cloud computing, and service oriented applications
- Policy-based networking, including collaborative security, pervasive computing, and mobile systems
- Policy-based Semantic Web applications
- Business rules and organizational modelling

- Policy Metrics
- Cross-domain policy coordination and negotiation
- Scalability of policy-based management
- Architectures of policy-based management systems
- Policy Learning and automated policy generation

Policy Models and Languages

- Abstract models and languages for policy specification
- Semantic Web rule languages for policy reasoning
- Policy standards
- Formal semantics of policies
- Methodologies and tools for specifying, analyzing, refining, and evaluating policies
- Detection and resolution of policy conflicts
- Policy negotiation models
- Representation of belief, trust, and risk in policy
- Policy visualization
- Usability of policy languages and representations

Organising Committee

General Chair:

- ▶ Fabio Martinelli (National Research Council - C.N.R.)

Program Chairs:

- ▶ Daniel Olmedilla (Telefonica R&D, Spain)
- ▶ Alessandra Russo (Imperial College London, UK)

Publicity Chair:

- ▶ Ryan Wishart (Imperial College London, UK)

