

## Lalana Kagal

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### A. Education

Fergusson College (Pune University) India	Computer Science	Bachelor of Science	1994
University of Maryland, Baltimore County	Computer Science	Master of Science	2002
University of Maryland, Baltimore County	Computer Science	Doctor of Philosophy	2004

### B. Professional appointments

2007 - present	Research Scientist	MIT CSAIL
Dec 2004 - Dec 2006	Post Doctoral Associate	MIT CSAIL

### C. Related Publications

1. L. Kagal, C. Hanson, and D. Weitzner, "Explanation Generation via Dependency Tracking", 9<sup>th</sup> International IEEE Workshop on Policies for Distributed Systems and Networks (POLICY 2008), 4-6 June 2008.
2. T. Berners-Lee, D. Connolly, L. Kagal, Y. Scharf, and J. Hendler, "N3Logic : A Logic For the Web", Journal of Theory and Practice of Logic Programming (TLP), Special issue on Logic Programming and the Web, 2008.
3. Hanson, L. Kagal, G. Sussman, T. Berners-Lee, and D. Weitzner, "Data-Purpose Algebra: Modeling Data Usage Policies", 8<sup>th</sup> International IEEE Workshop on Policies for Distributed Systems and Networks (POLICY 2006), June 2007.
4. L. Kagal, Tim Berners-Lee, Dan Connolly, and Daniel Weitzner, "Using Semantic Web Technologies for Open Policy Management on the Web", 21st National Conference on Artificial Intelligence (AAAI 2006), July 2006.
5. L. Kagal, T. Finin, and A. Joshi, "A Policy Based Approach to Security to the Semantic Web", 2<sup>nd</sup> International Semantic Web Conference (ISWC), October 2003.

### D. Other publications

1. L. Kagal, T. Berners-Lee, D. Connolly, and D. Weitzner, "Self-describing Delegation Networks for the Semantic Web", 7<sup>th</sup> International IEEE Workshop on Policies for Distributed Systems and Networks (POLICY 2006), June 2006.
2. L. Kagal and T. Finin, "Modeling Conversation Policies using Permissions and Obligations", Journal of Autonomous Agents and MultiAgent Systems (JAAMAS), December 2006.
3. L. Kagal, V. Korolev, S. Avancha, A. Joshi, T. Finin, and Y. Yesha, "Centaurus : An Infrastructure for Service Management in Ubiquitous Computing", ACM Wireless Networks Journal, November 2002.
4. L. Kagal, T. Berners-Lee, D. Connolly, and D. Weitzner, "Promoting Interoperability Between Heterogeneous Policy Domains", W3C Workshop on Languages for Privacy Policy Negotiation and Semantics-Driven Enforcement, October 2006.

5. L. Kagal, T. Finin, and A. Joshi, “Declarative Policies for Describing Web Service Capabilities and Constraints”, W3C Workshop on Constraints and Capabilities for Web Services, October 2004.

### **E. Synergistic Activities**

1. Guest editor for Journal of Web Semantics, 2008
2. Participated in Grace Hopper Celebration of Women in Computing, 2002
3. Panel member for “Why Go to Graduate School in the Sciences?”, Computer Research Association's Committee on the Status of Women in Computing Research (CRA-W), panelists Barbara J. Grosz (Harvard University), Lisa Zhang (Lucent Technologies), Barbara Broome (UMBC), University of Maryland, Baltimore County, April 2005
4. Co-instructor of two new seminar classes at MIT

### **F. Recent Collaborators**

Hal Abelson	Massachusetts Institute of Technology
Tim Berners-Lee	Massachusetts Institute of Technology
Dan Connolly	Massachusetts Institute of Technology
Grit Denker	SRI
Tim Finin	University of Maryland, Baltimore County
Sol Greenspan	NSF
Chris Hanson	Massachusetts Institute of Technology
Jim Hendler	Rensselaer Polytechnic Institute
Anupam Joshi	University of Maryland, Baltimore County
Ora Lassila	Nokia Research Center
Ryusuke Masuoka	Fujitsu Labs, USA
Rebecca Montanari	University of Bologna
Ravi Sandhu	University of Texas San Antonio
Gerry Sussman	Massachusetts Institute of Technology
Katia Sycara	Carnegie Mellon University
Bhavani Thuraisingham	University of Texas Dallas
Danny Weitzner	Massachusetts Institute of Technology