

L. Ümit Yalçınalp, Ph.D.

Select Publications

Book:

- [Web Service Contract Design and Versioning for SOA](#), *co-author*, Prentice-Hall, 2008.

Specifications, Position Papers, Editor Responsibilities:

- **Service Component Architecture Policy Association Framework, September 2006**, *editor*, Open SOA Collaboration. (www.osoa.org)
- Editor for **WS-Policy Family** of Specifications. Also original author of W3C member submission documents, **Web Services Policy Framework** (March 2006) and **Web Services Policy Attachment** (March 2006). Co-Author of the **Web Services Policy Guidelines for Policy Assertion Authors** document with Maryann Hondo as contributed to WS-Policy working group. This document became a WS-Policy working group deliverable.
- [SOAP 1.1 Binding for MTOM 1.0](#), March 2006. W3C Member Submission.
- [WSDL 1.1 Binding Extension for SOAP 1.2](#), March 2006. W3C Member Submission.
- [Web Services ReliableMessaging \(WS-ReliableMessaging\)](#) and [Web Services ReliableMessaging Policy Assertion \(WS-RM Policy\)](#), *editor*, WS-RX technical committee.
- [Web Services Addressing Metadata](#), *editor*, WS-Addressing working group.
- [SAP User Experience Report on XML Schema](#), May 2005. Presented at the XML Schema Users Workshop in w3c.
- [Describing Media Content of Binary Data in XML](#), Anish Karmarkar and Ümit Yalçınalp, *editors*, W3C Working Group Note, 4 May 2005.
- [Position Paper for W3C Constraints and Capabilities Workshop](#), Ashok Malhotra and Ümit Yalçınalp, October 2004, Presented in w3c Workshop.
- [WS-MessageDelivery Version 1.0](#), Anish Karmarkar and Ümit Yalçınalp, *editors*, W3C Member Submission, 26 April 2004.
- [Enterprise JavaBeans™ Specification, Version 2.0](#) L. DeMichiel, Ü. Yalçınalp and S. Krishnan, August 2001.

Note: Full author list is omitted when more than three authors/editors are involved due to space limitations.

Journal Papers/Book Chapters:

- **Logic Programming and Software Engineering - Implications for Software Design**, L. Sterling and

L. Ü. Yalçınalp, in *Special Issue of the Knowledge Engineering Review on Logic Engineering*, 1996.

- **Diagnosing Jaundice Expert System**, L. Ü. Yalçınalp and L. Sterling, in *Computers and Mathematics with Applications*, Volume 20, No 9/10, pp. 125--140, Pergamon Press, 1990.
- **An Integrated Interpreter for Explaining Prolog's Successes and Failures**, L. Ü. Yalçınalp and L. Sterling, in H. Abramson and M.H. Rogers editors, *Meta Programming in Logic Programming*, pp. 191--203, MIT Press, 1989.

Refereed Conference Papers:

- **[A grammar for standardized Wiki markup](#)**, Martin Junghans, Dirk Riehle, Rama Gurram, Matthias Kaiser, Mário Lopes, Umit Yalcinalp, WikiSym 2008, forthcoming.
- **Quintus WorkPro Architecture: A glue for Building Business Applications**, L. Ü. Yalçınalp, G. Saab, D. Ferguson and D. Bowen, *Proceedings of Second international Conference on Practical Applications of Prolog*, pp. 581--591, 1994.
- **Ushell: An Environment for Introduction to Logic Programming**, L. Ü. Yalçınalp, in *Proceedings of the 1993 ACM/SIGAPP Symposium on Applied Computing*, pp. 598--603, ACM Press, 1993.
- **Utilizing Groupware: BP's Knowledge Networks Project**, D. MacIntosh and L. Ü. Yalçınalp, in *Proceedings of Groupware92*, Morgan--Kaufmann, pp. 456--460, 1992.
- **Uncertainty Reasoning in Prolog with Layered Meta-Interpreters**, L. Ü. Yalçınalp and L. Sterling, in *Proceedings of the 7th IEEE Conference in AI Applications*, pp. 398--402, IEEE Press, 1991.
- **Building Embedded Languages and Expert System Shells in Prolog**, L. Ü. Yalçınalp and L. Sterling, in *Proceedings of the Tools for Artificial Intelligence Conference*, pp. 56--62, IEEE Press, 1990.
- **Explaining Prolog-Based Expert Systems Using a Layered Meta-Interpreter**, L. Sterling and L. Ü. Yalçınalp, in *Proceedings of 11th International Joint Conference in Artificial Intelligence*, pp. 66--71, Morgan--Kaufmann, 1989.

Technical Reports:

- **An XML interchange format for Wiki Creole 1.0**, Martin Junghans, Dirk Riehle, and Umit Yalcinalp, *ACM SIGWEB Newsletter*, Winter 2007.
- **An EBNF grammar for WikiCreole 1.0**, Martin Junghans, Dirk Riehle, Rama Gurram, Matthias Kaiser, Mario Lopes, Umit Yalcinalp, *ACM SIGWEB Newsletter*, Winter 2007.

Issued Patents/Patent Applications:

US6507857: Extending the capabilities of an XSL style sheet to include components for content transformation.

WO0073941: Transformation Registry Service for Content Transformation.

Ph. D. Dissertation:

Meta Programming for Building Knowledge based Systems in Prolog, Dept. of Computer Engineering and Science, CWRU, 1991.