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Select Publications:

Book:

- **Web Service Contract Design and Versioning for SOA**, *co-author*, Prentice-Hall, 2008.

Refereed Conference Papers:

- **Device Token Protocol for Persistent Authentication shared Across Applications**, John Trammel, Umit Yalcinalp, Andrei Kalfas, James Boag, Dan Brotsky, Springer-Verlag Lecture Notes In Computer Science, Proceedings of ESOCC 2012.
- **A grammar for standardized Wiki markup,** Martin Junghans, Dirk Riehle, Rama Gurram, Matthias Kaiser, Mário Lopes, Umit Yalcinalp, WikiSymposium 2008.
- **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 Groupware*92, 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.

Industry Standards Specifications:

- **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 (IBM) and contributed to WS-Policy working group. This document was adapted as 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** and **Web Services ReliableMessaging Policy Assertion (*WS-RM Policy*)**, *editor,* WS-RX technical committee in OASIS.
- **Web Services Addressing Metadata**, *editor,* WS-Addressing working group in w3c.
- **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 JavaBeansTM Specification**, **Version 2.0** L. DeMichiel, Ü. Yalçınalp and S. Krishnan, August 2001.

Technical Reports:

- **An XML interchange format for Wiki Creole 1.0,** M Junghans, D Riehle, U Yalcinalp, *ACM SIGWEB Newsletter,* Winter 2007.
- **An EBNF grammar for WikiCreole 1.0**, M Junghans, D Riehle, R Gurram, M Kaiser, M Lopes, U Yalcinalp, *ACM SIGWEB Newsletter*, Winter 2007.

Journal Papers/Book Chapters:

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

Ph. D. Dissertation:
- **Meta Programming for Building Knowledge based Systems in Prolog**, Dept. of Computer Engineering and Science, CWRU, 1991. Used as course book at Uppsala U, Sweden for teaching meta programming in 1992-93.

Patents:

- **US6507857:** Extending the capabilities of an XSL style sheet to include components for content transformation. (issued)
- **WO0073941:** Transformation Registry Service for Content Transformation.
Pending (2 submitted at Adobe)