

C. M. Sperberg-McQueen

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CURRENT POSITION

Founder and principal, Black Mesa Technologies. Goal: to help memory institutions solve information management problems. Focus: data longevity, data access, systems for descriptive markup and XML.

SELECTED PUBLICATIONS AND TALKS

- 2012 World Wide Web Consortium. *W3C XML Schema Definition Language (XSD) 1.1 Part 1: Structures*, ed. Shudi Gao, C. M. Sperberg-McQueen, and Henry S. Thompson. *W3C XML Schema Definition Language (XSD) 1.1 Part 2: Datatypes*, ed. Dave Peterson, Shudi Gao, Ashok Malhotra, C. M. Sperberg-McQueen, and Henry S. Thompson. W3C Recommendation 5 April 2012.
- 2011 “What constitutes successful format conversion? Towards a formalization of ‘intellectual content’.” *IJDC* 6.1 (2011): 153-164.
- 2009 “How to teach your edition how to swim.” *LLC* 24.1 (2009): 27-39.
- 2006 “Rabbit/duck grammars: a validation method for overlapping structures.” *Extreme Markup Languages* 2006.
- 2004 With Claus Huitfeldt. “GODDAG: A data structure for overlapping hierarchies.” In *Digital documents: systems and principles*, ed. Peter King and Ethan V. Munson. LNCS 2023. New York: Springer.
- 2001 With Claus Huitfeldt and Allen Renear. “Meaning and interpretation of markup.” *Markup languages: theory & practice* 2.3 (2001): 215-234.
- 1998 World Wide Web Consortium. *Extensible Markup Language (XML)*, ed. Tim Bray, Jean Paoli, and C. M. Sperberg-McQueen. W3C Recommendation 10 February 1998.
- 1995 With Lou Burnard. “The design of the TEI encoding scheme.” *Computers and the Humanities* 29.1 (1995): 17-39.
- 1995 With Robert F. Goldstein. “HTML to the max: A manifesto for adding SGML intelligence to the World-Wide Web.” *Computer networks and ISDN systems* 28 (1995): 3-11.
- 1994 Association for Computers and the Humanities (ACH), Association for Literary and Linguistic Computing (ALLC), and Association for Computational Linguistics (ACL). *Guidelines for Electronic Text Encoding and Interchange (TEI P3)*, ed. C. M. Sperberg-McQueen and Lou Burnard. Chicago, Oxford: Text Encoding Initiative, 1994.
- Other articles and reviews in *Computers and the Humanities*, *LLC*, *JEGP*, *Arkiv för nordisk filologi*; talks at Balisage, Extreme Markup Languages, Digital Humanities, XML Prague, and other academic and industrial conferences.

PROFESSIONAL ACTIVITIES

Service on W3C working groups; co-edited journal *Markup languages: theory & practice* (MIT Press); editorial and conference organizing committees; reviewer for NEH, NSF, other funders, DH and other conferences, *LLC* and other journals; adjunct instructor, University of Illinois at Urbana/Champaign (GSLIS); member of ACH, ALLC, ACM.

RECENT TEACHING EXPERIENCE

Since 1991 I have taught too many courses and workshops to count on SGML, XML, TEI, XSLT, and XML Schema, at academic conferences, universities, and industrial conferences. Since 2010 I have offered commercial training in XQuery, XSLT, XForms, XML Schema, and Alloy (a logic-based modeling tool); since 2012 I have served on the adjunct faculty at the Graduate School of Library and Information Science at the University of Illinois, teaching document modeling.

PREVIOUS EMPLOYMENT

World Wide Web Consortium technical staff (1999-2009); University of Illinois at Chicago computer center (1987-99); Princeton University computer center (1985-86).

EDUCATION

A.B. (with distinction, with honors, Phi Beta Kappa), A.M. 1977, Ph.D. 1985 Stanford University.