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

2018 "Representing concurrent document structures using Trojan-Horse markup." Balisage 2018.

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, DSH* and other journals; member of ACH, EADH, ACM.

RECENT TEACHING EXPERIENCE

Since 1991 I have taught courses and workshops 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); in 2015 I was visiting professor at the Technical University of Darmstadt.

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.