

## **Dr Judith Wusteman**

judith.wusteman@ucd.ie

Judith Wusteman joined the staff at the Department of Library and Information Studies at University College Dublin (Ireland) in September 1997 after seven years as a lecturer in computer science at the University of Kent (UK). Before that, she completed a PhD in Artificial Intelligence at the University of Exeter (UK). Judith's research interests are in electronic publishing, specifically XML and digital libraries, ejournals, document structure and text encoding. She has been involved in various electronic library projects and has provided SGML and XML consultancy for ejournal, encyclopedia and digital library systems.

### **Areas of Expertise**

Electronic publishing with particular emphasis on

- Digital libraries
- Text encoding for digitisation
- Document structure and formats
- Markup languages (HTML, XML)
- Ejournals
- Humanities computing

### **Consultancy & Research Activities**

- Member of *OCLC Systems and Services Journal* editorial board (Sept 2002 - 2005)
- Editor of special issue of *OCLC Systems and Services Journal* on "XML and Ejournals", vol 19, no 4 2003.
- Member of *Library Hi Tech Journal* editorial board and columnist on XML (January 2003-)
- Consultancy to *Thesaurus Linguae Hibernicae* digitisation project, Dept of Early Irish, UCD (2001).
- Member of CoSEI (Computer Science and English Initiative), a Humanities Computing collaboration between UCD Departments of Library and Information Studies, Modern English and Computer Science.
- Consultancy to the Thomas McGreevy Hypertext Archive project (CoSEI).
- UCD President's Award granted (1998) for visits to centres of excellence in Humanities Computing in Ireland and Britain.
- Involved in successful bid for £120,000 grant from Forbairt Advanced Software Technologies Initiative for INTENTS (INTElligent Navigation Tools) project (1997).

- Consultancy and development of a DTD (Document Type Definition) for the Academic Press *Encyclopaedia of Immunology*; January to June 1997. With F.C.Cole.
- Committee member of the British Computer Society Special Interest Group on Electronic Publishing (1995-7).
- Member of Programme Committee of ICC/IFIP Electronic Publishing Conferences in 1998 (Central European University, Budapest) and 1997 (University of Kent at Canterbury)
- Member of Programme Committee of SOFSEM'98 (25th Annual Seminar on Current Trends in Theory and Practice of Informatics), Slovakia.
- Directed operations at University of Kent at Canterbury for audit and evaluation of the FIGIT Electronic Libraries *Infobike* project from May 1995 to September 1996. Funded by the Joint Information Systems Committee: £51,000 (sterling).
- Beta-tester for the *CAJUN* (CD-ROM Acrobat Journals Using Networks) project, Nottingham University (1994).

## Workshops

- "XML: The Nuts and Bolts", 3 day workshop held in Dept of Computer Science, UCD, 23-25 May 2001 and repeated 12-14 December 2001. Organised by CoSEI and co-presented with S. Schreibman. These workshops were aimed at researchers involved in or considering digitisation projects.
- "An Introduction to Markup Languages " at "*Wiring Memory: Cultural Heritage On-line*", 13-14 September 2001, Department of Computer Science, University College Dublin
- "An Introduction to XML and SGML" pre-colloquium workshop at "*What's all the hype in hypertext about?*", March 2000, CoSEI , University College Dublin. Aimed at researchers developing cultural Web sites. Also chaired sessions in colloquium.
- "Recent Developments in Electronic Library Formats" at *UKSG '00* (UK Serials Group) conference, Warwick, April 2000.
- "A Beginner's Guide to Electronic Library Formats" at *UKSG '98* conference, Exeter, April 1998.
- "Electronic Journals: What, How and Why?", Half-day pre-conference tutorial at *Computer Graphics International '95*, Leeds, June 1995.
- "SGML DTDs for Journals", Invited lecture to publishers organised by BH Blackwells, Oxford, September 1996.
- Organised and chaired BCS day seminars:
  - "Access to E-space: Network Publishing Comes of age", Warwick, March 1996
  - "Programming the World-Wide Web", London, February 1997
- Co-organised and chaired BCS day seminar: "Innovations in Online Journal Publishing", London, November 1996

## Relevant Publications & Conference Presentations

- "Patently ridiculous", *Library Hi Tech*, column, vol 22, no 2, 2004 (in press).
- "Whither HTML?", *Library Hi Tech*, column, vol 22, no 1, 2004.
- "XML and ejournals", editorial, *OCLC Systems and Services Journal*, vol 19, no 4, 2003.
- "Web Forms: The Next Generation", *Library Hi Tech*, column, vol 21, no 3, pp 367-381, 2003. Supporting files.
- "XML to the desktop", *Library Hi Tech*, vol 21, no 2, 2003.
- "XML and Ejournals: The State of Play", *Library Hi Tech*, vol 21, no 1, 2003.
- "XML and Digital Libraries", UCD Dept of Library and Information Studies 25th Anniversary Conference, 11 October 2002, Dublin.
- "Letters, Browsers, the Bug, and the Irishman", (co-author: S. Schreibman), *DRH '98 (Digital Resources in the Humanities)* University of Glasgow, 10th September 1998
- "The Thomas MacGreevy Hypertext Chronology: Digitising Irish Archives for the New Millennium" (co-author: S. Schreibman) *Computers & Texts* 16, CTI Centre for Textual Studies, Oxford University (April 1998).
- "Formats for the Electronic Library" in *Ariadne* (Online version), Issue 8, March 1997.
- "The Evolving Use of SGML in Electronic Journals", *Electronic Publishing '97: New Models and Opportunities (ICCC/IFIP)*, UKC 14-16 April 1997. Proceedings published by Chapman and Hall.
- Book Review in *Program* Vol 31, no 1, January 1997. "Project ELVYN: an Experiment in Electronic Journal Delivery. Facts, Figures and Findings". Eds: Rowland, F., McKnight, C. and Meadows, J., Bowker Saur, 1995.
- "Electronic Journal Formats", *Program* Vol 30 No 4, October 1996.
- "Electronic Journals Using Guide" (co-author: H. Brown), *2nd International Conference on Electronic Library and Visual Information Research*, De Montfort University, May 1995. (Proceedings published by Aslib, 1996.)
- "Electronic Journals using Acrobat, Mosaic and Guide" (co-author: H. Brown) in *Proceedings of Digital Media and Electronic Publishing*, BCS Conference, December 1994. (Proceedings published by Academic Press, 1996. Paper reprinted in *New Review of Information Networking*, Volume 1, 1995)
- " 'The End of the Word is Nigh' or A Weekend of Soundbites" (Review of *FUSE94: Forum for Experimental Typography*) in Newsletter of the British Computer Society Electronic Publishing Specialist Group, March 1995, Vol 8, No 3. Reprinted in *IDeAs*, Newsletter of the Information Design Association and the Newsletter of *AlphaBugs International*.

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