

Biographies

Austin Tate is Technical Director of the Artificial Intelligence Applications Institute (AIAI) and holds the Personal Chair of Knowledge-Based Systems at the University of Edinburgh. He is a Fellow of the Royal Society of Edinburgh (Scotland's National Academy), Fellow of the American Association for AI, Fellow of the British Computer Society, and a member of the editorial board of a number of AI journals. His internationally sponsored research work involves advanced knowledge and planning technologies, especially for use in emergency response.



Simon Buckingham Shum is a Senior Lecturer at the UK Open University's Knowledge Media Institute. He is Vice-Chair of ACM SIGWEB, a founding editor of the Journal of Interactive Media in Education, and has served on the editorial boards of Int. Jnl. Human-Computer Studies and New Review of Hypermedia & Multimedia. He is a co-founder of the Compendium Institute whose discourse mapping tool is reported here. He has worked on hypertext tools for mapping argumentation since 1989, and leads projects on the application of argument mapping in e-Science and Knowledge Management.



Jeff Dalton is a senior computer scientist at AIAI. His research interests include AI planning algorithms, programming languages, and Web-based systems. He received an AB in mathematics from Dartmouth College and was a member of X3J13, the technical committee that developed the ANSI Common Lisp standard.

Clara Mancini completed her Ph.D. at the Knowledge Media Institute, The Open University, UK, where she is now a Research Fellow. Since 1999, she has been studying the linguistic affordances of electronic media and their implications for both human communication and computer system design, drawing from a number of disciplines. She is an expert Compendium modeller, and designed the Co-OPR visual information management environment described in this paper.



Albert M. Selvin is Director, External Portals & eLearning, in the Information Technology division at Verizon, and a PhD candidate at the UK Open University's Knowledge Media Institute. He is the original developer of the Compendium

methodology and software tool and a co-founder of the Compendium Institute. He has worked on the Compendium approach since 1993, including leading internal and external consulting efforts using the tool on over 100 projects. His doctoral research focuses on the aesthetic and ethical aspects of building collaborative hypermedia representations with groups, particularly when practitioners encounter sensemaking moments and must improvise.

