Keynote and invited conference presentations (unpublished):

Supporting and Evaluating Whole-Session Interactive Information Retrieval. Keynote Presentation, Beyond Single-Shot Text Queries: Bridging the Gap(s) Between Research Communities (MindTheGap'14) Workshop held in conjunction with iConference '14, Berlin, Germany, 4 March 2014.


Cognitive and context modeling for interactive information retrieval. Keynote lecture, Dagstuhl Seminar on Interactive Information Retrieval, at the German Computer Society Dagstuhl Conference Center, Dagstuhl, Germany, 2 March 2009.


Can Exploratory Search be Distinguished from Other Kinds of Information Seeking Behaviors, and Can a Search Interface Support a Variety of Such Behaviors? Invited presentation at the workshop: Exploratory Search Interfaces: Clustering, Categorization, and Beyond. Human-Computer Interaction Laboratory Symposium, University of Maryland, College Park, MD, June 2005.


Information retrieval as interaction with information. CUIB/UNAM International Seminar "Research in Information for Virtual Universities", National Autonomous University of Mexico, Mexico City. August 1997.

Information retrieval as interaction. A series of four lectures, sponsored by the Academia Sinica, the Computational Linguistics Society of the Republic of China, and the Taiwan Chapter of the American Society for Information Science, at the Academia Sinica and the National University of Taiwan, Taipei, Taiwan. September 1994.


The natures of information. Seventh Nordic Conference for Information and Documentation, Keynote Lecture, Aarhus, Denmark. August 1989


Lectures for research seminars, workshops and colloquia (unpublished)

Usefulness as the Criterion for Evaluation of Interactive Information Retrieval. Research seminar, Department of Computer Science and Applied Cognitive Science, University of Duisburg/Essen, Duisburg, Germany, 8 June 2015.

Usefulness as the Criterion for Evaluation of Interactive Information Retrieval. Invited presentation at GESIS, The Leibniz Institute for the Social Sciences, Cologne, Germany, 26 May 2015.

A Brief History of Interactive Information Retrieval Research and (Some) Practice. School of Information and Library Science Seminar, University of North Carolina, Chapel Hill, NC, 3 October 2014.


Usefulness as the Criterion for Evaluation of Interactive Information Retrieval Systems. School of Information Studies Seminar, Syracuse University, Syracuse NY, 7 November 2011.

Personalizing Interaction with Information. Department of Information Management Seminar, Peking University, Peking, China, 4 July 2011.

Personalizing Interaction with Information. Department of Information Management Seminar, Nankai University, Tianjin, China, July 2011.

Personalizing Information Retrieval: Discovering Behavioral Correlates of Task Type, Topic Knowledge and Document Usefulness. Rutgers/Yahoo! Machine Learning Seminar, Piscataway,


A crash course in information retrieval. A series of four lectures presented at the Department of Library Science, University of Osijek, Croatia, June 2003.

A classification of interactions with information. Two lectures presented at the Faculty of Philosophy, University of Zagreb, Zagreb, Croatia, June 2003.

Interface techniques for making searching for information more effective. CHI 2003 Workshop on Best Practices and Future Visions for Search User Interfaces, Fort Lauderdale, April 2003.

User modeling and information retrieval. Lead presentation at the Workshop on Challenges in Information Retrieval and Language Modeling, Center for Intelligent Information Retrieval, University of Massachusetts, Amherst, September 2002.

Modeling user characteristics with information search and use behaviors. JCDL 2002 Workshop on Document Search Interface Design for Large-Scale Collections and Intelligent Access, Portland, OR, July 2002. With D. Kelly.


An overview of results from Rutgers’ investigations of interactive information retrieval. ASIS Graduate Student Research Forum, Pratt Institute, New York, NY. May 1997.

Adapting information systems to human needs. Sixth Rutgers WINLAB Workshop on Third Generation Wireless Information Networks, Rutgers University, New Brunswick, NJ. March 1997.


Understanding and supporting people’s interactions with information. Colloquium, College of Information Science and Technology, Drexel University, May 1998.

Co-leader and co-organizer of the Workshop on Information Exploration, at the ACM

Rutgers’ research in interactive information retrieval. Colloquium, Department of Library and Information Science, UCLA, April 1998.


Interaction with information as a framework for research in information retrieval. Research Colloquium, Norwegian College of Library and Information Science and Journalism, Oslo. October 1996.


Strategies for evaluation of interactive multimedia information retrieval systems. MIRO Final Workshop, University of Glasgow, Scotland. September 1995.


Supporting information seeking in multi-media databases. International Workshop on Networked Multimedia Information Retrieval and Reuse, held at the European Space Agency (ESA-ESRIN), Frascati, Italy. Sponsored by the European Space Agency, the Fondazione Ugo Bordoni, the Italian Computer Science Society, and the Commission of the European Communities. March 1995.


Information retrieval as an interactive process. University of Konstanz, Department of
Is information filtering just another name for information retrieval? And if so, so what?. Bellcore Workshop on High-Performance Information Filtering, Morristown, NJ. November 1991.
The nature of interaction in information retrieval. UCLA, Graduate School of Library and Information Studies. May 1991.
The role of user modeling for clarification and explanation in information retrieval interaction. USC ISI Colloquium, Marina del Rey, CA. May 1991.
The role of user modeling for clarification and explanation in intelligent information retrieval. University of the Saarland, Colloquium of the Department of Computer Science and the Department of Information Science, Saarbrücken, Germany. November 1990.
User modeling in intelligent information systems. University of Udine, Department of
Investigating user modeling in information interaction by discourse analysis. Rutgers University, Department of Psychology, Cognitive Colloquium. March 1987.
Designing intelligent information provision mechanisms. University of Toronto, Faculty of Library and Information Science. February 1986.
How intermediaries model users in information interaction. University of Toronto, Faculty of Library and Information Science. February 1986.
Developing an expert information system interface. Royal Danish School of Librarianship, Copenhagen. March 1985.
Application of the distributed expert model to information provision mechanism analysis and design. University of Konstanz, Department of Administrative Studies, Information Science Colloquium. February 1983.
Research trends in information science in the anglo-saxon countries. Free University Berlin,
The anomalous state of knowledge as a basis for information retrieval. Drexel University, School of Library and Information Science. June 1980.
Anomalous state of knowledge-based information retrieval. Syracuse University, School of Information Studies. February 1980.
Anomalous states of knowledge as a basis for information retrieval. Case Western University, School of Library Science. October 1979.
Information and anomalous states of knowledge in information science. Sheffield University, School of Library and Information Science. June 1978.