

Anselm Spoerri

Curriculum Vitae

Department of Library and Information Science
School of Communication, Information and Library Studies
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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
Ph.D. in Information Visualization, February 1995

Massachusetts Institute of Technology, Cambridge, MA
M.Sc. in Brain & Cognitive Sciences, February 1991

Bedford College - University of London, London, England
B.Sc. Honors in Mathematics, July 1982

AWARDS

- **Finalist – International Science & Engineering Visualization Challenge**, jointly sponsored by NSF and the journal Science, 2004.
- **Teaching Award 2003**
Department of Library and Information Science, SCILS, Rutgers University, 2003.
- **Gold Apple Award** at National Educational Film & Video Festival, one of the key U.S. festivals for special interest media, 1990.
- **Grand Prix de la Ville de Mulhouse 1990.**
- **Honorable Mention for Best Artist Portrait** at International Festival Du Film D'Art in Paris, 1989.
- **Prize for Outstanding Quality** by the Swiss Film Board, 1988.

FELLOWSHIPS

- **UBILAB Research Fellowship**
to conduct Ph.D. research at Center for Educational Computing Initiatives, MIT.

GRANTS

- **2005 – 2006 Rutgers Research Council Grants** (\$2,650)
to assess the performance quality of search methods, 2005.
- **2004 – 2005 Rutgers Research Council Grants** (\$1,500)
to develop visual tools to support users in the meta search process, 2004.
- **2003 – 2004 Rutgers Research Council Grants** (\$2,250)
to visualize the content of digital video recordings, 2003.

- **2002 – 2003 Rutgers Research Council Grant** (\$2,500)
to study how to refine algorithms for structuring handwriting captured as digital ink and evaluate the effectiveness of segmentation algorithms, 2002.
- **Pro Helvetia and 40 other funding sources** (\$250,000)
to produce and distribute the feature-length and award-winning documentary *IMAGO Meret Oppenheim* narrated by Glenda Jackson.

PUBLICATIONS (REFEREED)

2006

Spoerri, A. (2006). Examining the Authority and Ranking Effects as the Result List Depth used in Data Fusion is Varied. Information Processing & Management. (In Press).

Spoerri, A. (2006). Using the Structure of Overlap between Search Results to Rank Retrieval Systems Without Relevance Judgments. Information Processing & Management. (In Press).

Spoerri, A. (2006). Visualizing Meta Search Results: Evaluating the MetaCrystal toolset. ASIST 2005. Proceedings of the 69th Annual Meeting of the American Society for Information Science and Technology. Austin, TX, November 3 - 8, 2006.

Dalbello, M. & Spoerri, A. (2006). Statistical Representations from Popular Texts for the Ordinary Citizen, 1889-1914. Library & Information Science Research. Vol. 28, No.1 (2006), 83-109.

2005

Spoerri, A. (2005). How the Overlap Between the Search Results of Different Retrieval Systems Correlates with Document Relevance. ASIST 2005. Proceedings of the 68th Annual Meeting of the American Society for Information Science and Technology. Charlotte, NC, October 28 - November 2, 2005.

2004

Spoerri, A. (2004). Toward Enabling Users to Visually Evaluate the Effectiveness of Different Queries or Engines. Journal of Web Engineering. Vol. 3, No.3&4 (2004) 297-313.

Spoerri, A. (2004). MetaCrystal: Visual Search Editor for Composing Meta Searches. ASIST 2004. Proceedings of the 67th Annual Meeting of the American Society for Information Science and Technology. Providence, RI, November 13 - 18, 2004.

Spoerri, A. (2004). RankSpiral: Toward Enhancing Search Result Visualizations. InfoVis 2004. Proceedings of the 10th International IEEE Symposium on Information Visualization. Austin, Texas, October 10 - 12, 2004.

Spoerri, A. (2004). How Visual Query Tools Can Support Users Searching the Internet. ICIV 2004. Proceedings of the 8th International Conference on Information Visualization. London, England, July 14 - 16, 2004.

Spoerri, A. (2004). Coordinated Views and Tight Coupling to Support Meta Searching. CMV 2004. Proceedings of the 2nd International Conference on Coordinated & Multiple Views in Exploratory Visualization. London, England, July 13, 2004.

Spoerri, A. (2004). MetaCrystal: Visualizing the Degree of Overlap Between Search Engines. WWW 2004. Proceedings of the ACM International World Wide Web Conference. New York, NY, May 17 – 22, 2004.

Spoerri, A. (2004). Enabling Users to Visually Evaluate the Effectiveness of Different Queries or Engines. WWW 2004 – Workshop on Measuring Web Search Effectiveness: the User Perspective. New York, NY, May 18, 2004.

Spoerri, A. (2004). MetaCrystal: Visual Interface for Meta Searching. CHI 2004. Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems. Vienna, Austria, April 24-29, 2004. (New York, NY: ACM Press).

2002

Spoerri, A. (2002). Handwritten Notes as a Visual Interface to Index, Edit and Publish Audio/Video Highlights. Book chapter in Visual Interfaces to Digital Libraries - Its Past, Present, and Future (Lecture Notes in Computer Science Vol.2539). Eds. K. Boerner and C. Chen. (Berlin, Germany: Springer-Verlag), pp. 116 – 130.

Spoerri, A. (2002). Souvenir: Making Audio/Video as Easy to Use as Text. ASIST 2002. Proceedings of the 65th Annual Meeting of the American Society for Information Science and Technology. Philadelphia, PA, November 18-21, 2002. (Medford, NJ: Information Today). Vol. 39: pp. 270 – 278.

Spoerri A. (2002). Souvenir: Flexible Note-taking Tool to Pinpoint and Share Media Highlights. Software Demonstration at ICME'02, SIGIR'02 (p.453) and JCDL'02 (p.383).

1999

Spoerri, A. (1999). InfoCrystal: A Visual Tool for Information Retrieval. Book chapter in Readings in Information Visualization: Using Vision to Think. Eds. S. Card, J. Mackinlay & B. Shneiderman. (San Francisco, CA: Morgan Kaufmann), pp. 140 - 147. (Originally published in 1993).

1995

Spoerri, A. (1995). InfoCrystal. Software Demonstration. SIGIR 1995. Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval. Seattle, WA, July 9-13, 1995. (New York, NY: ACM Press), p. 367.

Spoerri, A. (1995) InfoCrystal: A Visual Tool for Information Retrieval. Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge, MA.

1994

Spoerri, A. (1994). InfoCrystal: Integrating Exact and Partial Matching Approaches Through Visualization. RIAO 1994: Proceedings of the Conference for Intelligent Multimedia Information Retrieval Systems and Management. New York City, NY, October 11-13, 1994, pp. 687 – 696.

Information Visualization: The Next Frontier. Invited Panel Presentation. SIGGRAPH 1994. Proceedings of the 21st Annual Conference on Computer Graphics and Interactive Techniques. Orlando, Florida, July 24-29, 1994. (New York, NY: ACM Press), pp. 485-486.

Spoerri, A. (1994). InfoCrystal. Software Demonstration. CHI 1994. Proceedings of the ACM SIGCHI Conference Companion on Human Factors in Computing Systems. Boston, MA, April 24-28, 1994. (New York, NY: ACM Press), pp. 11 – 12.

1993

Spoerri, A. (1993). InfoCrystal: A Visual Tool for Information Retrieval & Management. CIKM 1993. Proceedings of the ACM Conference for Information and Knowledge Management. Washington, DC, November 1-5, 1993. (New York, NY: ACM Press), pp. 11 – 20.

Spoerri A. (1993). InfoCrystal: A Visual Tool for Information Retrieval. VIS 1993. Proceedings of the IEEE Visualization Conference, San Jose, October 25-29, 1993. (Los Alamitos, CA: IEEE Computer Soc. Press), pp. 150 – 157.

Spoerri, A. (1993). Novel Route Guidance Displays. VNIS 1993. Proceedings of the IEEE Conference for Vehicle Navigation & Information Systems. Ottawa, Canada, October 12-15, 1993. (Los Alamitos, CA: IEEE Computer Soc. Press), 419 - 422.

Spoerri, A. (1993). Visual Tools for Information Retrieval. VL 1993. Proceedings of the IEEE Symposium on Visual Languages. Bergen, Norway, August 24-27, 1993. (Los Alamitos, CA: IEEE Computer Soc. Press), pp. 160 – 168.

1991

Spoerri, A. (1991). The Early Detection of Motion Boundaries. Master's Thesis, MIT Department of Brain & Cognitive Sciences, and MIT Artificial Intelligence Laboratory Technical Report 1275. (Cambridge, MA: MIT AI LAB Technical Reports).

1987

Spoerri, A., Ullman, S. (1987). The Early Detection of Motion Boundaries. Proceedings of the IEEE First International Conference on Computer Vision. London, England, June 8–11, 1987. (Los Alamitos, CA: IEEE Computer Soc. Press), pp. 209 – 218.

WORK EXPERIENCE

Assistant Professor. Department of Library and Information Science.
School of Communication, Information and Library Studies.
Rutgers, The State University of New Jersey. 2001 to present

CEO and Co-Founder. i-Recall Inc. New York City, NY. 1997 - 2001.

Member of Technical Staff. AT&T Research. Murray Hill, NJ. 1996 - 97.

Member of Technical Staff. AT&T Bell Labs. Naperville, IL. 1995.

Research Assistant. Center for Educational Computing Initiatives, MIT. 1991 - 94.

Research Assistant. Artificial Intelligence Lab, MIT. 1985-87 & 90.

Teaching and Research Assistant. Brain & Cognitive Sciences, MIT. 1983 - 85.

Filmmaker, Producer & Distributor. IMAGO Productions. Cambridge, MA. 1987 - 90.

TEACHING EXPERIENCE

Rutgers, Department of Library and Information Science.

- Multimedia Production - Campus and Online (2001, 2002, 2003, 2004, 2006)
- Information Visualization (2002, 2003, 2004, 2005, 2006)
- Human Computer Interaction (2002, 2003)

MIT, Department of Brain & Cognitive Sciences.

- Introduction to Psychology (Fall 1984)

PROFESSIONAL ACTIVITIES

Member – ACM, IEEE, ASIS&T.

Reviewer – SIGIR Conference, 2005, 2006.

Reviewer – UIST Conference, 2005.

Reviewer – Information Visualization Symposium, 2005.

Reviewer – Information Processing & Management, 2003.

Colloquia

- Department of Psychology, University of Berne. Switzerland. July1, 2004.
- Department of Computer Science, University of Zurich. Switzerland. June 1, 2004.
- Department of Computer Science, University of Konstanz. Germany. May 27, 2004.
- Department of Psychology, University of Berne. Switzerland. May 30, 2002.

Consultant – Researching Group Facilitation Software for John Kao, a leading corporate innovation and business transformation consultant, 1997.

LOCAL INSTITUTIONAL ACTIVITIES

Rutgers University, School of Communication, Information and Library Studies,
Department of Library and Information Science.

- Research Committee, 2006 to current.
- Student Affairs Committee, 2002 - 2005.
- Curriculum Committee, 2001 – 2002.
- Ph.D. Program Associate, 2001 to present.
- MCIS Program Associate, 2001 to present.