

# Dagobert Soergel

## Curriculum vitae

November 2015

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## Personal data

Born January 7, 1940, in Freiburg i.Br., Germany  
German citizen with resident alien status in the U.S.  
Married, one child

## Education

1960	Diplom-Physiker-Vorprüfung (B.S., Physics), University of Freiburg
1964	Staatsexamen (M.S.), Mathematics and Physics, University of Freiburg
1967	Assessor des Lehramts (Teaching Certificate for high school/junior college), Mathematics and Physics, Staatliches Prüfungsamt Freiburg
1970	Dr. phil. (Ph.D.), Political science, University of Freiburg

The American degree roughly equivalent to the German degree is indicated in ().

Revised version of Master thesis published in Information Storage and Retrieval (see Publications, B4)

Doctoral dissertation published as book (see Publications, A2)

## Positions held

1960-1961	Deputy for relations to developing countries, Student government Association, University of Freiburg
1961 - 1962	Founding secretary, Freiburg Office for Relations to Developing Countries (an office concerned with the dissemination of information about developing countries, particularly about the needs and opportunities for properly trained people willing to help in developing countries)
1963 - 1965	Systems analyst, Forschungsstelle für Weltzivilisation, Abteilung Dokumentation (Research Center for World Civilization, Documentation Department), Freiburg
1966 - 1967	Studienreferendar, Seminar für Studienreferendare, Freiburg
1967 – 1969	Head, Documentation Department, Stiftung Wissenschaft and Politik (Foundation Science and Politics), Ebenhausen
1969 - 1970	Head, Documentation Department, DATUM (Documentation and Training Center for Theory and Methods of Regional Science), Bad Godesberg
1970 - 1971	Visiting lecturer, College of Library and Information Services (since 2000 College of Information Studies), University of Maryland
1971 - 1976	Associate Professor
1976 - 2009	Professor
1976, 1977	Visiting lecturer (Summer), School of Library and Information Science, University of Western Ontario, London, Canada
1985 – 1989	Visiting Professor (Summer), Graduate Library School, University of Chicago
Sept., 1985- June, 1986	Visiting Professor, Chair for Information Science, University of Konstanz, Germany.
1987 – 1994	Visiting Professor (Summer), Konstanz, Germany
May – July, 1997	Guest scientist, IPSI - Integrated Publication and Information Systems Institute, German National Research Centre for Computer Science and Information Technology, Darmstadt
May – July, 1997	Visiting Lecturer, Department of Information and Documentation, Fachhochschule Darmstadt
2007 -	Professore Onorario, Department of Information and Communication Technology, University of Trento, Italy
2009 – 2012	Professor and Chair, Department of Library and Information Studies, Graduate School of Education, University at Buffalo
2012 -	Professor, Department of Library and Information Studies, Graduate School of Education, University at Buffalo

May 2012 Visiting scholar, Escola de Ciência da Informação (ECI)  
August 2014 Universidade Federal de Minas Gerais (UFMG)  
June/July 2015 Belo Horizonte, Brazil  
(2 weeks each) Taught courses, gave public lectures, consulted with graduate students and  
faculty about research.

## Professional Activities

- 1969            Lecturer, Lehrinstitut für Dokumentation (Training Center for documentation), German Society for Documentation
- 1973 -            Consultant on Information Services to the Technical Operations Staff of the Bureau of Foods (Study of information systems, index language development; see Publications B3, D3, D8, E4)
- 1975 – 1976    Consultant, Smithsonian Institution (Study of information systems, see Publications D4)
- 1978 -            Consultant to various organizations (MITRE Corporation, JWK Corporation, Capital Systems Group, Kappa Corporation, Technology Services Corporation, Farm Credit Administration)
- 1985 – 1986    Consultant on chemical information systems and user-system interface, Gesellschaft für Information und Dokumentation, Heidelberg, Germany
- 1988 – 1989    Consultant and instructor of training courses for information management staff of the World Bank
- 1989 – 2000    Consultant to the National Institute on Alcohol Abuse and Alcoholism and to the Office of Substance Abuse Prevention and chair of the Advisory Committee for the Alcohol and Other Drug Thesaurus
- 1993            Consultant to the Swiss National Library on multilingual subject access
- 2001 – 2005    Consultant to the Harvard Business School Library on the development of the Harvard Business Thesaurus.
- 2003 – 2005    Consultant to the FDA Center for Drugs on development and use of thesauri and other knowledge organization systems and on intranet and Web design
- 2004 – 2008    Consultant to the FAO. Prepared a report on an FAO Ontology and Terminology System. Informally consult from time to time since
- 2006 – 2010    Consulting with a company on intelligent matching of resumes with jobs
- 2008            Mentioned on FAO's AGROVOC Concept Server Workbench (<http://naist.cpe.ku.ac.th/agrovoc/>) with the contribution of Prof. Dagobert Soergel, University of Maryland
- 2014 -            Consultant to the World Bank Group on taxonomy and search website design

## Refereeing and membership in editorial boards and conference program committees

<p>Proposal and project reviews</p>	<p>NSF SBIR review panel, Info. and Intelligent Systems Division, Sept. 11, 1998  NSF review panel SEIII, Apr. 7 - 8, 2005  NSF SBIR review panel Knowledge Discovery &amp; Management I, Feb. 23, 2006  NSF/CISE/IIS Proposal Review panel Feb. 8 - 9, 2008  NSF/CISE/IIS Proposal Review panel April 16 -17, 2009  NSF proposal reviewer 1980 -  European Commission, project review for the DELOS Network of Excellence on Digital Libraries, March 2-4, 2005, March 29 - 31, 2006, Sept. 22, 2006, March 19 - 21, 2007, March 11, 2008  Reviewer of proposals for the EU FP7 2007 June 2008 June  Proposal reviewer for NIH 2007  Social Sciences and Humanities Research Council of Canada 2008  NSF NSF III Small Information Retrieval Panel Apr. 2009  NSF CDI-2009 Type II S P091744 June 2009 8</p>
<p>Program conference committees / Conference reviewer</p>	<p>JCDL (Joint Conference on Digital Libraries) 1997, 2001, 2002, 2003, 2004  ECDL (European Conference on Research and Advanced Technology for Digital Libraries) 2001, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Also member of doctoral forum and of best paper jury 2006.  AAAI Spring Symposium 1997, Cross-Language Text and Speech Retrieval  International Conference on Formal Ontology in Information Systems, FOIS-2001  COLIS 4 (Conceptions of Library and Information Science) 2002, 2005  ASIS&amp;T SIG Classification Research Workshop: Classification for User Support and Learning several, 2000 (Co-chair and primary proceedings editor), program committee 2008, 2009  NKOS (Networked Knowledge Organization Systems) Workshop 1999 - , several times at both JCDL and ECDL (since 2011 TPDL)  ISKO 7 (International Society for Knowledge Organization) 2002, 2009  AOS (Agricultural Ontology Server) 2005, 2006, 2007, 2008  Upper Ontology Summit 2006  ACM SIG-IR 2007  DELOS workshop on Digital Library Foundations at JCDL 2007, 2008  DELOS workshop on Digital Library Foundations at ECDL 2007, 2008  IJCAI-09 Workshop on "Identity and Reference in web-based Knowledge Representation" (IR-KR2009)</p>

	<p>International Conference on the Semantic Web and Digital Libraries (Organizing Committee)          Internationales Symposium fuer Informationswissenschaft, Konstanz, Germany, April 2009          International Conference on Biomedical Ontologies (ICBO) Program Committee 2011; Organizing Committee, 2013; Program Committee 2014          International Workshop on Semantic Publications (SePublica) 2011 UDC Seminar Program Committee 2015</p>
Editorial boards	<p>Knowledge Organization (formerly International Classification)          Review of Information Science. Electronic Journal of the Hochschulverband fuer Informationswissenschaft (defunct)          Journal of Applied Ontology</p>
Reviewer for Journals	<p>International Journal of Digital Libraries          Journal of the American Society for Information Science          Computing Reviews          International Journal of Human Computer Systems          Journal of Digital Information          Information Processing and Management          Knowledge Organization (ISKO) (member of editorial board)          Annual Review of Information Science and Technology          Transactions on Asian Language Information Processing          International Journal of Computers and Applications          Journal of Applied Ontology (member of editorial board)              Special issue: Ontologies and Terminologies: Contium or Dichotomy              paper review fall 201, member of SCIENTIFIC COMMITTEE          International Journal of Metadata, Semantics and Ontologies (IJMSO)          Journal of Information Science          Information and Society          Information Research          Journal of Multimedia Tools and Applications          Encyclopedia of Library and Information Science</p>

American Society for Information Science and Technology Research Award July, 2015-2017

## Grants

- 1986 Grant from the German Federal Ministry for Research to the University of Konstanz (during my sabbatical there)  
**Pilot project developing an intelligent database guide**
- 1989 OCLC Library and Information Science Research Grant  
**An investigation into the structure of LCC and LCSH to support the development of a classification knowledge base**
- 2001 Participated in writing the proposal for  
**MALACH: Multilingual Access to Large spoken ArCHives**  
A five-year NSF ITR/IM+AP grant for a total of \$7.5 Million for four partners (Shoah Visual History Foundation, IBM, Johns Hopkins University, and University of Maryland)  
Served as senior researcher for the UM part.
- 2004 **NSA grant for preparing the MALACH test collection for wide distribution** (\$140,000)  
**An Information Retrieval Test Collection for Spontaneous Conversational Speech**  
\$110,000 for 2005, Department of Defense, PI (Co-PI Doug Oard)
- 2008 IMLS funded project  
**T3: Text, Tagging and Trust to Improve Image Access for Museums and Libraries**  
3 years, Sept. 2008 - Sept. 2011 \$996,750 total (including partners)  
PI J. Klavans, From Maryland: Co-PI J. Golbeck, Senior Personnel D. Soergel I participated fully in the writing of the proposal and play an important role in the project  
[http://www.ims.gov/news/2008/091008a\\_list.shtm#MD](http://www.ims.gov/news/2008/091008a_list.shtm#MD)
- 2010 IMLS planning grant, 1 year  
**Exploring Common Tools for Meaningful Concept Displays (MCD) to Support Semantic Indexing, Searching, and Learning across Libraries, Museums, and Archives**  
Drexel U (Xia Lin, PI), Buffalo (Dagobert Soergel, co-PI), Getty Museum (Murtha Baca, co-PI)  
Total amount 50,000, Buffalo share 12,000
- 2011 IMLS funded project, 3 years  
**Improving Search, Sensemaking, Learning, and Social Tagging Through a Universal Appliance for Query Expansion and Meaningful Concept Displays** Drexel U (Xia Lin, PI), Buffalo (Dagobert Soergel, co-PI), Getty Museum (Murtha Baca, co-PI), ARTstor (William Ying, co-PI), Indianapolis Museum of Art (Robert Stein, co-PI)  
Total amount 413,000, Buffalo share 83,000



## Activities in Professional Societies

### Member

Deutsche Gesellschaft für Dokumentation, 1962-

American Society for Information Science and Technology, 1964-  
(Special Interest Groups: Classification Research; Behavioral and Social Sciences, Education for Information Science, Numeric Databases)

Association for Computing Machinery, 1969-

Association for Library and Information Science Education 1975-

SALIS (Substance Abuse Librarians and Information Specialists), 1990-

DELOS Association for Digital Libraries 2008 -

American Library Association 2009-

New York Library Association 2009-

International Association for Ontology and its Applications 2010 -

Special Libraries Association 2011-

Secretary, Task Force for Information Retrieval in Data Archives of the Standing Committee for Data Archives of the International Social Science Council, 1968-1970

Technical Program Chairman, ASIS-SIG/ED, 1977-1978

Chairman, ASIS-SIG/ED and member, ASIS Education Committee (ex officio), 1978-1979

Member, ASIS Best Information Science Book Award Jury, 1987

Member, DELOS Network for Excellence in Digital Libraries Working Group on the DELOS Digital Library Reference Model 2006 - 2007

Scientific Chair, dl.org Working Group on Functionality June 2009 -  
[www.dlorg.eu/index.php/news/17/99/DL-org-Working-Groups-lead-the-way](http://www.dlorg.eu/index.php/news/17/99/DL-org-Working-Groups-lead-the-way)

Member, Board of Directors, Western New York Library Resources Council (WNYLRC), 2011-

## **Awards and Honors**

FDA Commissioners Special Citation 1981 (for work on the Factored Food Vocabulary Committee)

American Society for Information Science, **ASIS Best Information Science Book Award**, 1986 (for Organizing Information)

**Governor's Award for Volunteering Excellence** (Virginia). Gold Medal, 1993.

**American Society for Information Science, Award of Merit**, 1997 (ASIST's highest award)

American Society for Information Science, Best JASIS Paper Award, 1999 (for Wang, Peiling; Soergel, Dagobert. **A cognitive model of document use during a research project. Study I. Document selection.** Journal of the American Society for Information Science. February 1998; 49(2): 115-133.)

**Award for Contributions to Information Science and Technology (CISTA) 2008/2009**  
Los Angeles Chapter of American Society for Information Science and Technology (LACASIST).

## Courses Taught

### College of Information Studies, University of Maryland, College Park, Maryland

Proseminar (instructor and coordinator)

With Marcia Bates: a course package consisting of Organization of knowledge in libraries  
I Introduction to reference and information services Introduction to data processing for  
libraries (an experimental course offered in Spring 1974)

A revised course package consisting of  
    Organization of knowledge in libraries  
    Introduction to reference and information services

Research methods in library and information studies

Introduction to information storage and retrieval systems

Advanced information storage and retrieval

Objectives and evaluation of information systems

#### **Construction and maintenance of index languages and thesauri**

Introduction to expert systems with illustrations in Prolog

Doctoral seminar in information storage and retrieval

Introduction to data processing for libraries / Information technology

#### **Database design**

Communication and information transfer

Doctoral seminar in communication and information transfer

Seminar in the special library and information center

#### **Software evaluation and usability**

Information retrieval and analysis on the Internet

**Information structure (core course replacing Organization of knowledge in libraries)**

**Courses Taught** (continued)**University of Western Ontario, London, Western Ontario**

Introduction to data processing

Doctoral seminar in research methods

**University of Chicago**

Construction and maintenance of index languages and thesauri

Information retrieval and database management for microcomputers

Seminar in cataloging and classification

Introduction to expert systems with illustrations in Prolog

**University of Konstanz**

Introduction to information retrieval

Construction and maintenance of index languages and thesauri

Expert systems with Prolog

Systems analysis

Thesaurus software

**Fachhochschule (Polytechnic) Darmstadt Summer 1997**

Database design

Expert systems

**University of Trento**

Ontologies. Functions, Structure, and Meaning. Doctoral course October 2008

**University at Buffalo**

LIS 514 Indexing and Surrogation

LIS 526 Practicum

LIS 571 Organization and Control of Recorded Knowledge

LIS 598 Directed Study

## Doctoral Dissertations Supervised

- 1        1975    Katherine Packer - Methods used by chemists and chemical engineers in Canadian Universities to maintain current awareness with special reference to the use of SDI systems
- 2        1976    Karen Levitan - Function of scientific societies: Views of biomedical scientists
- 3        1979    Richard Lytle - Subject retrieval in archives: a comparison of the provenance and content indexing methods
- 4        1980    Sinikka Koskiala - The role of industrial information service in the information transfer chain from information producer to the ultimate user, with special emphasis on the information acquisition function in Finland
- 5        1981    Alexis Jamieson - Comprehension of entries in printed indexes
- 6        1982    Raya Fidel - The construction of a pattern model of man-machine interaction in online literature searching
- 1983    *Randall Trigg - A network-based approach to text handling for the online scientific community (computer science dissertation; served as representative of the Dean of Graduate Studies on the dissertation committee)*
- 7        1985    Brigitte Duces - The role of information in decision-making on agricultural innovations
- 1989    *Rebecca Green - The expression of syntagmatic relationships in frame-based indexing (member of dissertation committee)*
- 1989    *Helen Tibbo - Abstracts, online searching, and the humanities: An analysis of the structure and content of historical literature (member of dissertation committee)*
- 8        1990    Xinhua Wang - An algorithm for matching databases with queries in an intelligent guide to databases
- 9        1991    Paul Solomon - Explorations in information access and interface design for an online catalog in an elementary school library
- 1992    *Mu-hsuan Huang - Pausing behavior of end-users in online searching (member of dissertation committee)*
- 10       1993    Peter Liebscher - Information seeking in hypertext: Multiple access methods in a full text hypertext database (member of dissertation committee)
- 11              Xia Lin - Self-organizing maps as graphical interfaces for information retrieval
- Peter Evans - The enabling and disabling effects of a hypermedia information environment on information seeking and use in an undergraduate course (member of dissertation committee)*
- 12       1994    Peiling Wang - A cognitive model of document selection of real users of information retrieval systems

- 13      1998    Susan Boerner - A study of novice searcher's evolving task and topic knowledge.
- 14                    Huei-Chung Lee - Cognitive processes in document-oriented indexing of empirical journal articles. A case study
- 15      2001    Anita Komlodi - Search history for user support in information seeking interfaces
- Jeff Heflin - Knowledge Representation on the Internet: Achieving Interoperability in a Dynamic Distributed Environment (Dean's representative)*
- 16      2002    Emily Marsh - Rhetorical relationships between text and images in Web pages
- 17                    Ana Flavia Fonseca - The effect of an integrated knowledge management architecture on organizational performance and impact. The case of the World Bank
- 18                    Laura Slaughter - Concept exploration via semantic relationships: Improving access to consumer health information (Dec. 2002)
- 19                    Tony Tse - Identifying and characterizing a "Health Consumer Vocabulary" (Dec. 2002)
- 20      2003    Wiwat Puntai - An examination of instructional messages delivered via the World Wide Web from the perspective of instructional design
- 2004    *Jinsoo Chung - Information Use and Meaningful Learning (member of dissertation committee)*
- Femke Reitsma - A new geographic process data model (Dean's Representative)*
- 2005    *Jianqiang Wang - Matching Meaning for Cross-Language Information Retrieval (member of dissertation committee)*
- 21      2006    Jinmook Kim - Users' interaction with speech retrieval systems with particular emphasis on relevance judgments
- Bill Kules - Visualizing Categorized Search Results with Graphical and Textual Displays (member of dissertation committee)*
- Dina Demner-Fushman - Complex question answering based on semantic domain of clinical medicine (member of dissertation committee)*
- Nancy McCown - The Roles of Internal Public Relations, Leadership Style, and Workplace Spirituality in Building Leader-employee Relationships and Facilitating Relational Outcomes (Dean's Representative)*
- 2008    *Yejun Wu - Classifying Attitude by Topic Aspect for Chinese and English Document Collections (member of dissertation committee)*

- 22      2009    Xiaoli Huang - Topicality Reconsidered: A Conceptual Analysis of Topical Relevance Relationships
- 23             Pengyi Zhang - Sensemaking: conceptual changes, cognitive mechanisms, and structural representations. A qualitative user study.  
PhD Thesis proposal assessment University of Trento  
PhD Thesis outside reviewer University of Queensland
- 2010    *Rachael Bradley - Understanding and supporting visual communication within costume design practice (member of dissertation committee)*
- 24      2011    Katy Lawley - Information Behavior in Context: Teachers' Content Selection During Lesson Planning for Holocaust-related Education
- 25      2015    Christina Pikas (University of Maryland) - The role of new Information and Communication Technologies (ICTs) in information and communication in science. A conceptual framework and empirical study  
Completion expected Spring 2015

Also reader for many masters and doctoral theses and three Habilitationsschriften at the University of Konstanz and outside reviewer for dissertations at the University of Mysore, India (two), the University of Trento, and the University of Queensland. Reviewed dissertation proposals for The Center for Advanced Media Research Amsterdam, VU University (Vrije Universiteit)

## Mentoring and tenure cases

<b>University of Maryland</b>	
1995	Rebecca Green (tenure case)
2001	Doug Oard (tenure case)
2002 - 2004	Allison Druin (mentoring and tenure case)
2006 -2009	Jimmy Lin (mentoring and major role in tenure case)
2006 - 2009	Vedat Diker (mentoring)
2007 -	Ken Fleischman (mentoring)
2007 -	Jennifer Golbeck (mentoring)
2007 - 2008	Yan Qu (mentoring)
2009 Fall	Ken Fleischman (mentoring and tenure case)
2009 Fall	Douglas Oard (promotion)
<b>University at Buffalo</b>	
2009 - 2012	Jianqiang Wang (mentoring and tenure case)

Also outside reviewer for tenure cases at other universities in the US and Europe



## Committees

University of Maryland, College of Information Studies

### College Committees

Curriculum Committee (chair for 1 year)

Doctoral Committee (chair for many years)

Designed the process for the review of the CLIS PhD program and chaired subcommittee 1, Program (mission, general design, requirements, courses)

Admissions Committee (chair for 1 year)

Course Evaluation Committee

Research and Publications Committee

Personnel Committee (chair for 2 years)

Chair, Subcommittee for the Review of the Plan of Organization (major editing responsibility) (2000/2001)

Chair, Subcommittee 1 (Program structure and requirements) for the PhD program review (major editing responsibility) (2000/2001)

Many search committees

### University Committees

Campus Senate (two 3 year terms)

Chair, Adjunct Committee on Libraries and Instructional Aids (1 year term)

Provost's Commission on Curriculum Collaboration, Division of Human and Community Resources

Faculty Development Committee, Division of Human and Community Resources (1982-1984)

Graduate Council (1999 - )

### University at Buffalo

Multiple **departmental committees**, 2014 - 2015: Academic Programs Committee and Admissions and Academic Standards Committee

#### GSE committees

GSE Personnel Committee, 2012 - ; Chair 2013 -

GSE Envisioning Task Group on Excellent Research & Innovation, Fall 2013

GSE Executive Committee, Fall 2014 -

### **University Committees**

VP and Director of Libraries Search Committee, Dec. 2009 - May 2010

Clinical and Translational Science Awards proposal writing committee, later CTSA Operations Committee, Lead for Evaluation and Continuous Improvement, Fall 2009 -

University Faculty Senate Academic Planning Committee, April 2014 -

## Civic Activities

- 1978 - Member of the Outreach Committee of Immanuel-Church- on-the-Hill, Alexandria, VA. Conducting operation Christmas families (Christmas presents to needy children in families with danger of child abuse) for several years. Vestry member 1986- 1989. Instrumental in establishing a church-supported small preschool in a public housing project.
- 1987 - Co-convener, Virginia Citizens for Preschool Education
- 1988 – 1991 Chair, Episcopal Diocese of Virginia Region IV Preschool Committee
- 1989 Principal editor, Final report of the Alexandria Early Childhood Development Task Force.
- 1989 – 1994 Member, Alexandria Early Childhood Development Commission (Co-chair, 1989/1990, Vice-chair 1990/1991, Chair 1993/94)
- 1991 – 2012 Treasurer, Child and Family Network Centers (formerly Alexandria Community Network Preschool)
- 2012 - Trustee, Child and Family Network Centers (formerly Alexandria Community Network Preschool)

## Publications

### A Books

- A1 Soergel, Dagobert 1969  
**Klassifikationssysteme und Thesauri. Eine Anleitung zur Herstellung von Klassifikationssystemen und Thesauri im Bereich der Dokumentation.**  
(Classification systems and thesauri. A guide to the construction of classification schemes and thesauri for use in documentation.)  
Frankfurt/M: Deutsche Gesellschaft für Dokumentation; 1969. 244p.
- A2 Soergel, Dagobert 1971  
**Dokumentation und Organisation des Wissens. Versuch einer methodischen und theoretischen Grundlegung am Beispiel der Sozialwissenschaften.**  
(Documentation and organization of knowledge. An inquiry into the methodological and theoretical foundations with particular reference to the Social Sciences.)  
Berlin: Duncker und Humblot; 1971. 380p. (Ordo Politicus 13) (Doctoral dissertation)
- A3 Soergel, Dagobert 1974  
**Indexing languages and thesauri: Construction and maintenance.**  
Los Angeles, CA: Melville; 1974. 632p., 72 fig., ca 850 ref. (Wiley Information Science Series)  
(Based on A1, but completely revised and enlarged)
- A4 Soergel, Dagobert 1985  
**Organizing information. Principles of data base and retrieval systems.**  
Orlando, FL: Academic Press; 1985. 450 p.
- A5 Soergel, Dagobert 1987  
Arbeitsplatzsysteme, on-line Handbücher, Datenmodellierung, Dialog-Gestaltung. Beiträge zum Entwurf von Informationssystemen unter besonderer Berücksichtigung der Chemie.  
**(Work station systems, on-line handbooks, data modeling, user interface design. Contributions on the design of information systems with special reference to chemistry.)**  
Frankfurt a.M.: Gesellschaft für Information und Dokumentation; December 1987.
- A6 Soergel, Dagobert 1993  
**The Alcohol and Other Drug Thesaurus. A guide to concepts and terminology in substance abuse and addiction (AOD Thesaurus).**  
Rockville, MD: National Institute on Alcohol Abuse and Alcoholism (NIAAA) and Center for Substance Abuse Prevention (CSAP). 1993. 3. ed. 2000  
(Chief designer and development consultant, developer of the thesaurus management software used, and chair of the Thesaurus Advisory Committee.  
<http://etoh.niaaa.nih.gov/AODVol1/Aodthome.htm>
- A7 Soergel, Dagobert 2000; Srinivasan, Padmini; Kwasnik, Barbara, Editors  
**Classification for User Support and Learning. Proceedings of the 11th ASIS&T SIG/CR Classification Research Workshop.**  
Silver Spring, Maryland: American Society for Information Science and Technology. Special Interest Group/Classification Research; November 2000  
To be published as Advances in Classification Research 11 by Information Today

- B Journal articles, conference papers, and presentations**
- B1 **Soergel, Dagobert, 1965. Mathematical analysis of documentation systems.** Paper presented at the International Federation of Documentation (FID) Congress 1965 Oct. 10-15. Washington, DC. p. 88 (abstract). (Based on master thesis, see B4).
- B2 **Soergel, Dagobert, 1966. Problems of documentation in sociology.** Requirements and possibilities as seen from the point of view of a documentalist. Paper for the 6th World Congress of Sociology, Evian, Switzerland, 1966. 9.4-11.
- B3 **Soergel, Dagobert, 1966. Bericht über das International Symposium on Relational Factors in Classification, University of Maryland, USA. 8.-11 June 1966.** Nachrichten für Dokumentation. 1966.8; 17(4): 137-138.
- B4 **Soergel, Dagobert, 1967. Mathematical analysis of documentation systems.** An attempt at a theory of classification and search request formulation. Information Storage and Retrieval. 1967.7; 3(3): 129-173. (Revised version of master thesis)
- B5 **Soergel, Dagobert, 1967. Some remarks on information languages, their analysis and comparison.** Information Storage and Retrieval. 1967.12; 3(4): 219-291. (Paper presented at the International Symposium on Relational Factors in Classification, University of Maryland. 1966.6.8-11) <http://www.dsoergel.com/cv/B4.pdf>
- B6 **Soergel, Dagobert, 1969. Vorschläge zu einem universellen Daten-Erfassungs-Schema für die Literatur-Dokumentation.** (Proposals for a universal scheme for the recording of bibliographic data.) Nachrichten für Dokumentation. 1969.10; 20(5): 205-11.
- B7 Soergel, Dagobert, 1969; Hubben, Katharina. **Dokumentation.** Staatslexikon, Ergänzungsband I. Freiburg: Herder; 1969: 593-602.
- B8 Soergel, Dagobert, 1970; Furmaniak, Karl. **The description of statistical tables: a problem in data documentation.** American Society for Information Science. Proceedings. 1970; 7: 331-336.
- B9 **Soergel, Dagobert, 1970. Invited comments on Andreae et.al. GEOCODE: A computer code system for administrative divisions with a boundary correcting analysis program.** Social Science Information. 1970.4; 9(2): 75-81.
- B10 **Soregel, Dagobert, 1972. A general model for indexing languages: The basis for compatibility and integration.** Subject Retrieval in the Seventies - New Directions New York: Greenwood; College Park, Md.: University of Maryland, School of Library and Information Services; 1972: 36-61.
- B11 **Soergel, Dagobert, 1971. Mathematical models in the theory of classification: An illustration.** Demonstration lecture at the American Library Association Conference/LED Teachers Section Program, Dallas, Texas, June 22, 1971.

- B12 **Soergel, Dagobert, 1972. A universal source thesaurus as a classification generator.**  
J. Amer. Soc. for Info. Sci. 1972.9; 23(5): 229-305.
- B13 **Soergel, Dagobert, 1974. Theoretical problems of thesaurus construction with particular reference to concept formation.**  
In: Petoefi et.al. ed. Fachsprache - Umgangssprache. Kronberg, Ts: Scriptor; 1975: 355-381.  
(Invited paper presented at the Symposium "Fachsprachliche Texte-Umgangssprachliche Kommunikation", Bad Homburg, Germany. 1974.1.)
- B14 **Soergel, Dagobert, 1974. Automatic and semi-automatic methods as an aid in the construction of indexing languages and thesauri.**  
International Classification. 1974; 1(1): 34-39. Revised version of Chapter H of A3.
- B15 Soergel, Dagobert, 1974; Leonov, Valery.  
**Compressing and abstracting of information and information utilities.**  
American Society for Information Science. Proceedings. 1974.10; 11: 46-49.
- B16 Soergel, Dagobert, 1974; Bates, Marcia.  
**A modern integrated introduction to library and information services.**  
American Society for Information Science/SIG-ED News. 1974.11; (ED-1): 7-11.  
(Presented at the ASIS meeting. 1974.10.15. Technical Session of SIG/Education for Information Science.)
- B17 **Soergel, Dagobert, 1976. Trends in dissertation research.**  
Paper presented at the Meeting of the American Association of Library Schools, Research Interest Group. Chicago, IL: 1976.1.
- B18 **Soergel, Dagobert, 1976. Is user satisfaction a hobgoblin?**  
J. Amer. Soc. for Info. Sci. 1976.7; 27(4): 256-259.
- B19 **Soergel, Dagobert, 1977. An automated encyclopedia--a solution of the information problem?**  
International Classification. 1977; 4(1): 4-10. 1977; 4(2): 81-89. (Based on some sections of the dissertation.)
- B20 Soergel, Dagobert, 1975; Packer, Katherine.  
**The importance of SDI for current awareness in fields with severe scatter of information. J.**  
Amer. Soc. for Info. Sci. 1975.5; 30(3): 125-135.
- B21 **Soergel, Dagobert, 1979. The Broad System of Ordering -- A critique**  
Int. Forum on Information and Documentation. 1979.7; 4(3): 21-24.
- B22 **Soergel, Dagobert, 1981. A systems approach to automated information storage and retrieval in archives.**  
McCrank, Lawrence J. Automating the archives. White Plains, NY: Knowledge Industry Publications; 1981: 253-261.
- B22a Soergel, Dagobert, 1982.  
**The compatibility of vocabularies.**  
F W Riggs (Ed.): The CONTA Conference: Proceedings of the Conference on Conceptual and Terminological Analysis in the Social Sciences. Frankfurt/Main, INDEKS Verlag, 1982, p. 209 - 223.
- B23 Soergel, Dagobert, 1982. Joint editor (with Charles Claydon) of **Drexel Library Quarterly** special issue on **Numeric Data Bases**, 1982 Summer/Fall; 19(3-4): 1-219.
- B24 **Soergel, Dagobert, 1982. Structure and Construction of Numeric Data Bases.**  
Drexel Library Quarterly. 1982, Summer/Fall; 19(3-4): 135-146.

- B25 **Soregel, Dagobert, 1982. Data models for integrated thesauri.**  
Invited paper presented at the Pre-conference workshop on Compatibility of Index Languages at the American Society for Information Science Annual Meeting, Oct. 17, 1982, Columbus, Ohio.
- B26 **Soregel, Dagobert, 1983; Fidel, Raya.**  
**Factors Affecting Online Bibliographic Retrieval: A Conceptual Framework for Research.** J. Amer. Soc. for Info. Sci. 1983.5; 34(3): 163-180.
- B27 **Soregel, Dagobert, 1983. Logo Illustrations.**  
Washington Apple Pi. 1983.5; 5(5): 10-11, 17.
- B28 **Soregel, Dagobert, 1983. A Program of Logo Instruction: Objectives and Methods.**  
Washington Apple Pi. 1983.5; 5(5): 20-21.
- B29 **Soregel, Dagobert, 1984; Smith, E.C., Holden, J.H., McCann, A., and Wiley, R.C.**  
**The FDA's Factored Food Vocabulary (FFV).**  
Poster presented at the 9th National Nutrient Data Bank Conference. 1984.
- B30 **Soregel, Dagobert, 1986. Organizing information for problem solving.**  
Bull. Amer. Soc. for Info. Sci. 1986.12; 13(2): 24-25.  
(Invited note with material from A4.)
- B31 **Soregel, Dagobert, 1987. Thesaurus project survey.**  
Currents (American Society for Information Science. Potomac Valley Chapter). 1987.3;:4-5
- B32 **Soregel, Dagobert, 1987. A course in knowledge representation as the foundation of the new information studies curriculum. A proposal.**  
Presentation at the 50th Annual Meeting of the American Society for Information Science. Boston, MA, October 4-8, 1987. SIG-ED Session on Tuesday, October 6.
- B33 **Soregel, Dagobert, 1988.; McCann, A., Pennington, J.A.T., Smith, E.C., Holden, J.H., and Wiley, R.C. Development of the Food and Drug Administration's Factored Food Vocabulary.** Journal of the American Dietetic Association. 1988.3; 88(3): 336-341.
- B34 **Soregel, Dagobert, 1988. How does one design a database?**  
Paper presented at the New York Library Association Conference, Academic and Special Libraries Section, Buffalo, NY, October 13, 1988.
- B35 **Soregel, Dagobert, 1989. Improved access to the LC Classification and the LC Subject Headings for online searchers and catalogers through conceptual analysis**  
Presented in the Distinguished Seminar Series, OCLC, Dublin, OH, March 14, 1989.
- B36 **Soregel, Dagobert, 1990. Investigating the structure of LCC and LCSH. Developing a knowledge base.**  
Annual Review of OCLC research. July 1989 - June 1990. Dublin, OH: OCLC; 1990. p. 54-55.
- B37 **Soregel, Dagobert, 1991. Beyond facets: Semantic roots and modifiers.**  
Proceedings of the 2nd American Society for Information Science/SIG-CR Classification Research Workshop. Held at the 54th ASIS Annual Meeting, Washington, DC, Oct. 27, 1991. Washington, DC: ASIS. p.149-158. (Advances in Classification Research. v. 3)  
<http://www.dsoergel.com/cv/B36.pdf>
- B38 **Soregel, Dagobert, 1991. On the structure of hypertext and retrieval systems: A unifying view.**  
Paper presented at the 54th Annual Meeting of the American Society for Information Science, Washington, DC, Oct. 27 - 31, 1991.
- B39 **Soregel, Dagobert, 1992; Pennington, J.A.T., McCann, A., Holden, J.H., Smith, E.C., and Wiley, R.C.**  
**A network model for improving access to food and nutrition data.**  
Journal of the American Dietetic Association. 1992.1; 92(1): 78-82.
- B40 **Soregel, Dagobert; McCann, A., Pennington, J.A.T., Smith, E.C., Holden, J.H., and Wiley, R.C.**  
**Improving access to food and nutrition data. 2. A language for the description of foods in databases.**  
To be submitted to the Journal of Food Composition Data.

- B41 **Soregel, Dagobert, 1991; Lin, Xia and Marchionini, Gary.**  
**A self-organizing semantic map for information retrieval.**  
Proceedings of the 14th International ACM/SIGIR Conference on Research and Development in Information Retrieval. New York: ACM Press; 1991. p. 262-269.
- B42 **Soregel, Dagobert, 1992. New vistas for knowledge-based support for complex organizations.**  
Paper presented at the 55th Annual Meeting of the American Society for Information Science, Pittsburgh, PA,, Oct. 25 - 29, 1992.
- B43 Soergel, Dagobert, 1993; Helfert, Samantha.  
**The AOD thesaurus: A new tool for organizing resource files in RADAR and other agencies.** Paper presented at the 15th Annual SALIS Conference, San Francisco, CA, 1993 Oct. 3-6. (Substance Abuse Librarians and Information Specialists)
- B44 **Soregel, Dagobert, 1993; Lin, Xia and Marchionini, Gary.**  
**Category-based and association-based map displays by human subjects.**  
American Society for Information Science/SIG-CR Classification Research Workshop. 1993; 4: 147-164.
- B45 **Soregel, Dagobert, 1993; Wang, Peiling**  
**Beyond topical relevance: Document selection behavior of real users of IR systems.**  
American Society of Information Science Annual Meeting Proc. 1993; 30: 87-92.
- B46 **Soregel, Dagobert, 1994. Information Structure Management. A unified framework for indexing and searching in database, expert, information-retrieval, and hypermedia systems.**  
Challenges in Indexing Electronic Text and Images. Medford, NJ: Learned Information; 1994. Chapter 7, p. 111 - 156. A much expanded version of B37.
- B47 **Soregel, Dagobert , 1994. Indexing and retrieval performance: The logical evidence.**  
J. Amer. Soc. for Info. Sci. 1994.9; 45(8): 589-599. (Invited paper)  
Reprinted in From classification to "knowledge organization": Dorking revisited or "Past is prelude" / Edited by Alan Gilchrist. - The Hague: FID, 1997. - xiv, 186 p. - (FID pub. no. 714; FID Occasional paper 14). - ISBN 92 66 00 714 5
- B48 **Soregel, Dagobert, 1995. The Art and Architecture Thesaurus (AAT): A critical appraisal.**  
Visual Resources. 1995; 10(4): 369-400. [http://www.dsoergel.com/cv/B47\\_long.pdf](http://www.dsoergel.com/cv/B47_long.pdf)
- B49 **Soregel, Dagobert, 1994. The Alcohol and Other Drug Thesaurus: a tool for collaboration.**  
Paper presented at the 6th Annual ELISAD meeting, Utrecht, The Netherlands, October 7, 1994. (ELISAD = European Association of Libraries and Information Services on Alcohol and Other Drugs)
- B50 **Soregel, Dagobert, 1994. Software support for thesaurus construction and display.**  
Proceedings of the 5th ASIS SIG/CR Classification Research Workshop. Held at the 57th ASIS Annual Meeting, Oct. 16-20, 1994, Alexandria, VA.  
Silver Spring, MD: American Society for Information Science. Special Interest Group / Classification Research. 1994.10; 5: 157-184. (Advances in Classification Research. v. 5)
- B51 **Soregel, Dagobert, 1994. A multifunctional, multilingual thesaurus** (Panel Non-traditional Uses of Classification) Invited paper presented at the 36th Allerton Institute. New Roles for Classification in Libraries and Information Networks. Oct. 23-25, 1994, Allerton Park, Monticello, IL (Sponsored by the Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign)
- B52 **Soregel, Dagobert, 1995; Mullen, Kathleen.**  
**The NIAAA and CSAP Alcohol and Other Drug Thesaurus: A conceptual map and a tool for communication.**  
25th International Congress of the ICAA (International Council on Alcoholism and Addiction), San Diego, CA, August 22-24, 1995
- B53 **Soregel, Dagobert, 1995; Mullen, Kathleen.**  
**The structure of the NIAAA and CSAP Alcohol and Other Drug Thesaurus.**  
25th International Congress of the ICAA (International Council on Alcoholism and Addiction), San Diego, CA, August 22-24, 1995



- B54 **Soregel, Dagobert, 1995;** Mullen, Kathleen, and Mitchell, Andrea  
**The AOD Thesaurus as a tool in research, writing, and program planning and evaluation. A tutorial.**  
 25th International Congress of the ICAA (International Council on Alcoholism and Addiction), San Diego, CA, August 22-24, 1995
- B55 **Soregel, Dagobert, 1995. Data models for an integrated thesaurus database.**  
 Paper presented at the Research Seminar on Compatibility and Integration of Order Systems, Warsaw, Poland, September 13-15, 1995.  
 Published in Compatibility and Integration of Order Systems: Research Seminar. Proceedings of the TIP/ISKO Meeting. Issued by International Society for Knowledge Organization; Polish Library Association; Society for Professional Information. Warsaw: Wydaw. SBP; 1996. p. 47-57.
- B56 **Soregel, Dagobert, 1995. Framework for data element standardization.**  
 Proceedings of the 6th ASIS SIG/CR Classification Research Workshop. Held at the 58th ASIS Annual Meeting, Oct. 8, 1995, Chicago, IL. Medford, NJ: Information Today; 1998. p. 115-126. (Advances in Classification Research. v. 6)
- B57 **Soregel, Dagobert, 1995;** Helfert, Samantha.  
**Adapting the AOD Thesaurus to a Small Collection**  
 17th Annual SALIS Conference, Boston, MA, Nov. 12 - 15, 1995
- B58 **Soregel, Dagobert, 1995;** Mullen, Kathleen  
**Changes Made to the AOD Thesaurus.**  
 17th Annual SALIS Conference, Boston, MA, Nov. 12 - 15, 1995
- B59 **Soregel, Dagobert, 1996. SemWeb. Proposal for an open, multifunctional, multilingual system for integrated access to knowledge base about concepts and terminology.**  
 Proceedings of the Fourth International ISKO Conference, 15-18 July 1996, Washington, DC. Frankfurt/Main: Indeks Verlag; 1996. (Advances in Knowledge Organization, v. 5). p. 165 - 173  
<http://www.dsoergel.com/cv/B58.pdf>
- B60 **Soregel, Dagobert, 1996. Software support for semantically well-structured thesauri.** Paper presented at the invitational Getty Workshop on Semantic Systems, Los Angeles, CA, October 10-11, 1996.
- B61 **Soregel, Dagobert, 1997. Multilingual thesauri in cross-language retrieval.** Paper presented at the AAAI-97 Spring Symposium Series. Cross-Language Text and Speech Retrieval. Stanford, CA March 24-26, 1997. Published in the Symposium Technical Report.
- B62 **Soregel, Dagobert, 1997. Thesauri for knowledge-based assistance in searching digital libraries.** Paper, DL97 Workshop on Thesauri and Metadata, Philadelphia, PA, July 26, 1997
- B63 **Soregel, Dagobert, 1997. SemWeb. An environment for integrated access to distributed ontological and lexical knowledge bases and their collaborative development and maintenance. A proposal.** Presented (by videotape) at the 2nd Workshop on Multilinguality in Software Industry: The AI Contribution (MULSAIC 97). August 25, 1997 (Workshop W21, International Joint Conference on Artificial Intelligence (IJCAI-97), Nagoya, Japan)
- B64 **Soregel, Dagobert, 1997-2007. Thesauri for knowledge-based assistance in searching digital libraries. Tutorial.**  
 ECDL 1997 European Digital Library Conference, Pisa, Italy, August 31, 1997; ECDL 1998 European Digital Library Conference, Heraklion, Crete, Sept. 20, 1998;  
 JCDL 1999 Fourth ACM Conference on Digital Libraries (DL 99), Berkeley, CA Aug. 11, 1999;  
 JCDL 2000 /HT2000, San Antonio, TX, June 4, 2000;  
 New version of this tutorial, expanded by a second part  
**Thesauri and ontologies in digital libraries**  
**Part 1. Structure and use in knowledge-based assistance to users**  
**Part 2. Design, evaluation, and development**  
 JCDL 2001, Roanoke, VA, June 24, 2001  
 JCDL 02, Portland, OR, July 14, 2002  
 ECDL 2002 Rome, Italy, Sep. 15, 2002

JCDL 2003 Houston, May 27, 2003  
ECDL 2003 Trondheim, Norway, August 17, 2003  
JCDL 2004 Tucson, AZ, June 7, 2004  
ECDL 2004, Bath, England, Sep. 12, 2004  
JCDL 2005 Denver, CO, June 7, 2005  
ECDL 2005 Vienna, Austria, Sept. 18, 2005  
JCDL 2006, Chapel Hill, NC, June 11, 2006  
ECDL 2006, Alicante, Spain, September 19, 2006  
JCDL 2007, Vancouver, Canada, June 19, 2007  
ECDL 2007, Budapest, Hungary, September 2007

**Soregel, Dagobert, 2008-2009.** Revised, with new title **Knowledge Organization Systems in Digital libraries**

ECDL 2008, Aarhus, Denmark, September 2008

ECDL 2009. Corfu, 2009-09-27

<http://www.dsoergel.com/cv/B63.pdf>

- B65 **Soregel, Dagobert, 1998. An information science manifesto.** Remarks at the acceptance of the ASIS Award of Merit, American Society for Information Science, Washington DC, November 1997. Published in Bulletin of the American Society for Information Science. December 1997/January 1998; 24(2): 10-12. [www.asis.org/Bulletin/Dec-97/Soergel.htm](http://www.asis.org/Bulletin/Dec-97/Soergel.htm)
- B66 **Soregel, Dagobert, 1998; Wang, Peiling. A cognitive model of document use during a research project. Study I. Document selection.** Journal of the American Society for Information Science. February 1998; 49(2): 115-133. (Best JASIS Paper Award 1999)
- B67 **Soregel, Dagobert, 1997. Problems and prospects in thesaurus construction.** Report from Working group 4, 8th ASIS SIG/CR Classification Research Workshop, November 2, 1997, Washington D.C. USA. Reported, arranged, and edited by D. Soergel. Published in the proceedings
- B68 **Soregel, Dagobert, 1998. Large multilingual vocabularies: structure and software requirements.** Paper presented in the session Cross-Language Applications and Large-Scale Vocabularies at the 61st Annual Meeting of the American Society for Information Science, Pittsburgh, PA, 1998 October 25-29. Abstract in Proceedings, p. 572.
- B69 **Soregel, Dagobert, 1999. SemWeb: integrated access to distributed classifications and lexical resources.** Paper presented at ALA Annual Conference/Lina/Intelligent and Knowledge Based Systems Interest Group. New Orleans, LA, June 27, 1999.
- B70 **Soregel, Dagobert, 1999. Multimodal surrogates for video browsing.** With Wei Ding and Gary Marchionini. Proceedings of the Fourth ACM Conference on Digital Libraries (DL 99), Berkeley, CA Aug. 11, 1999, p.85-93.
- B71 **Soregel, Dagobert, 1999. The rise of ontologies or the reinvention of classification** Journal of the American Society for Information Science. Sept. 1999; 50(12): 1119-1120.
- B72 **Soregel, Dagobert, 1999-2000. Enriched thesauri as networked knowledge bases for people and machines**  
Paper presented at the CENDI Conference Controlled Vocabulary and the Internet. Bethesda, MD; 1999 September 29  
A similar presentation at the University of Washington, Seattle, WA, Jan. 27, 2000
- B73 **Soregel, Dagobert, 1999; Ding, Wei and Marchionini, Gary. Performance of visual, verbal, and combined video surrogates.**  
Proceedings of the 62. ASIS Annual Meeting, Washington, DC, Oct. 31 - Nov. 5, 1999. Medford, NJ: Information Today. p. 651-664.
- B74 **Soregel, Dagobert, 1999. The need for (and feasibility of developing) a standard set of tools which show semantic relationships among terms, as aids to text and information analysis and retrieval.** Invited presentation at the NISO/ASI/ALCTS Workshop on Electronic Thesauri: Planning for a Standard. Washington, DC Nov. 4-5, 1999.

- B75 **Soregel, Dagobert, 2000. ASIST SIG/CR Classification Workshop 2000. Classification for user support and learning. Report.**  
 [A 3500 word substantive summary and an analysis into 8 themes in classification research.]  
 Bulletin of the American Society of Information Science and Technology. April/May 2001; 27(4): 15-21 and  
 Knowledge Organization. 2000; 27(3): 165-172. <http://www3.interscience.wiley.com/cgi-bin/fulltext/109860106/HTMLSTART>
- B76 **Soregel, Dagobert, 2001. The representation of Knowledge Organization Structure (KOS) data. a multiplicity of standards**  
 Paper presented at the JCDL 2001 NKOS Workshop Roanoke, VA 2001-6-28
- B77 **Soregel, Dagobert, 2001. TermMaster: Software for Creating and Maintaining Thesauri and Ontologies.**  
 D-Lib Magazine. September 2001; 7(9).
- B78 **Soregel, Dagobert, 2002. Concept analysis in thesaurus construction. The example of prevention in the Alcohol and Other Drug Thesaurus 3rd edition.**  
 Paper presented at the ELISAD Conference, Stockholm, Sweden, October 25-27, 2002
- B79 **Soregel, Dagobert, 2001. The many uses of classification: Enriched thesauri as knowledge sources.**  
 Keynote address, ASIS SIG/CR Classification Research Workshop 12. 2001-11-4 Advances in Classification Research--Vol. 12. Proceedings of the 12th ASIS SIG/CR Classification Research Workshop. Edited by Efthimis N. Efthimiadis. [www.dsoergel.com/cv/B78.pdf](http://www.dsoergel.com/cv/B78.pdf)
- B80 Soregel, Dagobert, 2002; Oard, Douglas, Gustman, Samuel, Foster, Lydia, Kim, Jinmook, Meyer, Joan, Proffen, Elizabeth and Sartori, Theresa..  
**The many uses of digitized oral history collections: Implications for design.**  
 Technical report, College of Information Studies, University of Maryland, 2002.
- B81 Soregel, Dagobert, 2002; Ramabhadran, Bhuvana, Picheny, Michael, Byrne, William, Psutka, Josef, Hajic, Jan, Oard, Douglas W., and Gustman, Sam.  
**MALACH : Multilingual Access to Large spoken ArCHives**  
 EU-NSF DL all projects meeting, Rome, Italy, March 25-26, 2002
- B82 Soregel, Dagobert , 2002; Gustma, Samuel, Oard, Douglas, Byrne, William, Picheny, Michael, Ramabhadran, Bhuvana, and Greenberg, Douglas.  
**Supporting Access to Large Digital Oral History Archives**  
 Joint Conference on Digital Libraries, Portland, OR, July 14-18, 2002. Proc. p. 18-27.
- B83 Soregel, Dagobert, 2002; Oard, Douglas W., Demner-Fushman, Dina, Hajic, Jan, Ramabhadran, Bhuvana, Gustman, Samuel, Byrne, William J., Dorr, Bonnie, Resnik, Philip, and Picheny, Michael.  
**Cross-language access to recorded speech in the MALACH project**  
 Text, Speech and Dialogue. Proceedings of the Fifth International Conference on Text, Speech, Dialogue --- TSD 2002, Brno, Czech Republic, September 9--12, 2002.  
 Heidelberg: Springer; 2002. (Lecture Notes in Artificial Intelligence v. 2448) ISBN 3-540-44129-8. p. 57-64
- B84 Soregel, Dagobert, 2002; Komlodi, Anita.  
**Attorneys Interacting with Legal Information Systems: Tools for Mental Model Building and Task Integration**  
 Proc. of the 65. ASIST Annual Meeting, Philadelphia, PA, November 18-21, 2002. Medford, NJ: Information Today. p. 152-163.
- B85 Soregel, Dagobert, 2002. **A Framework for Speech Retrieval** (presentation)  
 Panel on Access to Large Spoken Archives: Uses and Technology (Also panel moderator)  
 Proc. of the 65. ASIST Annual Meeting, Philadelphia, PA, November 18-21, 2002. Medford, NJ: Information Today. p. 469-470
- B86 Soregel, Dagobert, 2002. **The structure of taxonomies: Facets and hierarchy**  
 Presentation at Practical Taxonomies, New York, NY, Nov. 18-20, 2002
- B87 Soregel, Dagobert, 2002. **A framework for digital library research: Broadening the vision.**

D-Lib Magazine 8(12): (2002 December) (7 screens)  
<http://www.dlib.org/dlib/december02/soergel/12soergel.html>

- B88 Soergel, Dagobert, 2003; Kim, Jinmook, and Oard, Doug.  
**User Interaction in Speech and Video Retrieval: Relevance Judgment and Query Reformulation.**  
Paper presented at the HCIL Annual Symposium and Open House, May 30, 2003.
- B89 Soergel, Dagobert, 2003; Newton, Katy  
**From legacy KOS to full-fledged ontologies**  
Paper presented at the JCDL 2003 NKOS Workshop, Houston, TX, 2003-5-31
- B90 Soergel, Dagobert, 2003.  
**Standards for KOS. Present status and future requirements**  
Presentation at the NKOS workshop, ECDL 2003, August 21, 2003
- B91 Soergel, Dagobert, 2003.  
**Brief report on NKOS at JCDL2003**  
Presentation at the NKOS workshop, ECDL 2003, August 21, 2003
- B92 Soergel, Dagobert, 2003; Kim, Jinmook and Oard, Doug.  
**Searching large collections of recorded speech. A preliminary study**  
Proc. of the 66. ASIST Annual Meeting, Long Beach, CA, Oct. 19-22, 2003. Medford, NJ: Information Today. p. 330-339. [malach.umiacs.umd.edu/JK\\_03\\_Search\\_Large\\_Coll.pdf](http://malach.umiacs.umd.edu/JK_03_Search_Large_Coll.pdf)
- B93 Soergel, Dagobert, 2003; Tse, Tony.  
**Procedures for mapping vocabularies from non-professional discourse. A case study: Consumer Medical Vocabulary**  
Proc. of the 66. ASIST Annual Meeting, Long Beach, CA, Oct. 19-22, 2003. Medford, NJ: Information Today. p. 174-183.
- B94 Soergel, Dagobert, 2003; Slaughter, Laura.  
**How physicians' answers relate to health consumers' questions**  
Proc. of the 66. ASIST Annual Meeting, Long Beach, CA, Oct. 19-22, 2003. Medford, NJ: Information Today. p. 28-39.
- B95 Soergel, Dagobert, 2003.  
**Supporting access to large digital oral history archives**  
Presentation. School of Information Management and Systems, UC Berkeley, 2003-10-24
- B96 Soergel, Dagobert, 2003; Kim, Jinmook and Oard, Douglas W.  
**MALACH Workshop 2: Final Report**  
2003. 62 pp.
- B97 Soergel, Dagobert, 2003. **Building a more meaningful Web: from traditional knowledge organization systems to new semantic tools.** Report on the 6th Networked Knowledge Organization Systems (NKOS) Workshop, JCDL 2003, May 31, 2003 in Houston, TX SIGIR Forum. 2003 Fall; 37(2): 65-72.
- B98 Soergel, Dagobert, 2003; Tse, Tony.  
**Exploring Medical Expressions Used by Consumers and the Media: An Emerging View of Consumer Health Vocabularies**  
AMIA Symposium 2003; p. 564-8  
<http://lhncbc.nlm.nih.gov/lhc/docs/published/2003/pub2003025.pdf>
- B99 Soergel, Dagobert, 2004; Lauser, Boris, Liang, Anita, Fisseha, Frehiwot, Keizer, Johannes and Katz, Stephen  
**Reengineering thesauri for new applications. The AGROVOC example**  
Journal of Digital Information, Volume 4 Issue 4, 2004 March, Article No. 257,  
<http://journals.tdl.org/jodi/article/view/112>
- B100 Soergel, Dagobert, 2004.  
**The Many Uses of Enriched Thesauri and Ontologies in the ATOD Field**  
SALIS Conference, Berkeley, CA 2004-4-23
- B101 Soergel, Dagobert, 2004.

**Building a rich ontology from AGROVOC: Why and how**  
FAO AOS (Agricultural Ontology Server) Workshop, Beijing, Apr. 27-29, 2004

- B101a Soergel, Dagobert, 2004.  
**The role of thesauri and ontologies for improving knowledge retrieval from web applications**  
Workshop / Tutorial. ELPUB Brazilia 2004 June
- B101b Soergel, Dagobert, 2004.  
**Put the digital into digital publishing**  
Invited presentation. ELPUB Brazilia 2004 June  
<http://elpub.scix.net/data/works/att/037elpub2004.content.pdf>
- B102 Soergel, Dagobert, 2004; Oard, Douglas W., Huang, Xiaoli, Franz, Martin, Doermann, David, Murray, G. Craig, Wang, Jianqiang, Ramabhadran, Bhuvana and Gustman, Samuel.  
**Building an information retrieval test collection for spontaneous conversational speech.**  
SIG-IR 2004, July p. 41-48  
[malach.umiacs.umd.edu/pubs/malach\\_sigir04.pdf](http://malach.umiacs.umd.edu/pubs/malach_sigir04.pdf)
- B103 Soergel, Dagobert, 2004; Huang, Xiaoli.  
**Relevance judges' understanding of topical relevance types: An explication of an enriched concept of topical relevance.**  
Proc. of the 67. ASIST Annual Meeting, Providence, RI, Nov. 2004. Medford, NJ: Information Today. p. 156-167  
[malach.umiacs.umd.edu/pubs/XH\\_04\\_Rel\\_Judges.pdf](http://malach.umiacs.umd.edu/pubs/XH_04_Rel_Judges.pdf)
- B104 Soergel, Dagobert, 2004.  
**Information organization**  
David Bainbridge, ed. Berkshire Encyclopedia of Human-Computer Interaction. Great Barrington, MA: Berkshire; July 2004. ISBN: 0-9743091-2-5 p. 355-360
- B105 Soergel, Dagobert, 2004.  
**Information retrieval**  
David Bainbridge, ed. Berkshire Encyclopedia of Human-Computer Interaction. Great Barrington, MA: Berkshire; July 2004. ISBN: 0-9743091-2-5 p. 363-371
- B106 Soergel, Dagobert, 2004; Byrne, William, Doermann, David, Franz, Martin, Gustman, Samuel, Hajić, Jan, Oard, Douglas, Picheny, Michael, Psutka, Josef, Ramabhadran, Bhuvana, Ward, Todd and Zhu, Wei-Jing.  
**Automatic recognition of spontaneous speech for access to multilingual oral history archives.**  
IEEE Transactions on Speech and Audio Processing. Special Issue on Spontaneous Speech Processing July 2004; 12(4): 420 - 435
- B107 Soergel, Dagobert, 2004; Tse, Tony, and Slaughter, Laura.  
**Helping healthcare consumers understand: An "interpretive layer" for finding and making sense of medical information.**  
Medinfo. 2004 Sept.; 2004:931-5.
- B108 Soergel, Dagobert, 2005.  
**Das MALACH Projekt. Zugang zu mündlich überlieferter Geschichte durch verbesserte Methoden im Sprachretrieval. Spracherkennung, Sprachverarbeitung, Retrievalmethoden, Benutzerschnittstelle**  
Presentation. University of Saarbruecken 2005-2-11
- B109 Soergel, Dagobert, 2005; Kawatrakul, Asanee, Imsombut, A., Thunyakijjanukit, A., Liang, Anita, Sini, M., Johannsen, G., and Keizer, J.  
**Automatic Term Relationship Cleaning and Refinement for AGROVOC**  
Proceedings of the EFITA/WCCA 2005 Joint Conference, p.1146-1154
- B110 Soergel, Dagobert, 2005; Kim, Soojung  
**Selecting and Measuring Task Characteristics as Independent Variables**  
Proceedings ASIST 2005 (pdf): 163 - 186
- B111 Soergel, Dagobert, 2005; Newton Lawley, Katy, Huang, Xiaoli  
**Relevance criteria used by teachers in selecting oral history materials**

Proceedings ASIST 2005 (pdf): 421 - 448 malach.umiacs.umd.edu/pubs/KNL\_05\_ASIST.pdf

- B112 Soergel, Dagobert, 2005; Aussenac-Gilles, Nathalie  
**Text analysis for ontology and terminology engineering**  
Applied Ontology. 2005; 1(1): 35 - 46
- B113 Soergel, Dagobert, 2005; Gladfelter Rubin, Hannah  
**Types of errors in ASR transcriptions**  
MALACH Technical Report, August 2005. 12 p., app. 1 - 5  
[http://malach.umiacs.umd.edu/pubs/HGR\\_05\\_Errors\\_ASR.pdf](http://malach.umiacs.umd.edu/pubs/HGR_05_Errors_ASR.pdf)
- B114 Soergel, Dagobert, 2005; White, Ryen W., Oard, Douglas W., Jones, Gareth J.F. and Huang, Xiaoli  
**Overview of the CLEF-2005 Cross-Language Speech Retrieval Track,**  
in Multilingual Information Repositories, Revised Selected Papers, CLEF-2005, Springer-Verlag, LNCS (4022), Vienna, Austria, pp. 744 - 759, 2005.  
[malach.umiacs.umd.edu/pubs/RW\\_05\\_CLEF-Overview.pdf](http://malach.umiacs.umd.edu/pubs/RW_05_CLEF-Overview.pdf)
- B115 Soergel, Dagobert, 2005; Preece, Jennifer and Druin, Allison  
**A grand challenge Information for All!**  
i-Conference 2005 September
- B116 Soergel, Dagobert, 2005  
**The scope of i-schools and the definition of information studies. How the structure of the field creates interaction points with other disciplines**  
i-Conference 2005 September
- B117 Soergel, Dagobert, 2005; Huang, Xiaoli  
**Evidence-based Interpretation of Topical Relevance Types: Towards A Richer Understanding of Topical Relevance**  
Poster at the Ph.D. Poster Session, i-Conference, Sept 28-30, 2005, at Penn State University
- B118 Soergel, Dagobert, 2005; Newton Lawley, Katy, Huang, Xiaoli, and White, Ryen  
**Instructional Materials Selection as Information Seeking: Lessons in Workflow, Mental Models, and System Requirements from a Teacher Workshop**  
Poster at the Ph.D. Poster Session, i-Conference, Sept 28-30, 2005, at Penn State University  
[malach.umiacs.umd.edu/pubs/KNL\\_05\\_iConf\\_poster.pdf](http://malach.umiacs.umd.edu/pubs/KNL_05_iConf_poster.pdf)
- B119 Soergel, Dagobert, 2005; Keizer, Johannes and Sini, Margherita  
**Use of ontologies in Agriculture**  
Presentation at ASIST 2005 November  
Session: Organizing the Concepts of Science: Science Ontologies and the Semantic Web
- B120 Soergel, Dagobert, 2006; Zhang, Pengyi  
**Knowledge-based approaches to the segmentation of oral history interviews**  
MALACH Technical Report. 2006 May malach.umiacs.umd.edu/pubs/PZ\_06\_Knowl-Based.pdf
- B121 Soergel, Dagobert, 2006; Slaughter, Laura and Rindflesch, Thomas C.  
**Identification and Representation of semantic relationship types within consumer health questions and physician-provided answers**  
International Journal of Medical Informatics. 2006 July 75(7): 513-529.
- B122 Soergel, Dagobert, 2006; Komlodi, Anita, Marchionini, Gary.  
**Search histories for user support in user interfaces.**  
Journal of the American Society for Information Science and Technology. 2006 May 57(6): 803-807.
- B123 Soergel, Dagobert, 2005; Christensen-Dalsgaard, Birte, Ioannidis, Yannis, Schuldt, Heiko, Editors  
**Recommendations and Observations for a European Digital Library (EDL). In response to the European Commission's call for online consultation**  
DELOS Technical Report. Dec. 2005  
[www.delos.info/files/pdf/events/brainstorming\\_dec05/DELOSBrainstormingReport\\_Final.pdf](http://www.delos.info/files/pdf/events/brainstorming_dec05/DELOSBrainstormingReport_Final.pdf)
- B124 Soergel, Dagobert, 2006; Zhango, Pengyi

## **Knowledge-Based Approaches to the Segmentation of Oral History Interviews**

MALACH Technical Report, May 2006. 52p.

- B125 Soergel, Dagobert, 2006; Huang, Xiaoli  
**An evidence perspective on topical relevance types and its implications for exploratory and task-based retrieval .**  
Paper presented at ISIC 2006 (Information Seeking in Context Conference, Sydney, Australia, July 19-21, 2006)  
Information Research. An international electronic journal. 2006 October;12(1).  
<http://informationr.net/ir/12-1/paper281.html>
- B126 Soergel, Dagobert, 2006, moderator; Klavans, Judith, co-organizer; Weeks, Ann, co-organizer  
**Digital libraries as collaborative structured information spaces**  
Panel at the i-Conference 2006, University of Michigan
- B127 Soergel, Dagobert, 2006.  
**The Architecture of Meaning A Commentary.**  
Perspective on Cognition, A Festschrift for Manfred Wettler. Rapp et al (2006):501-16
- B128 Soergel, Dagobert, 2006; Lawley, Katy, Sidhu, Tintype, and White, Ryan  
**The digital library of the future: A look at the DELOS vision**  
ICDL 2006 Proceedings.
- B129 Anita Komlodi, Gary Marchionini, Soergel, Dagobert,  
**Search history support for finding information: User interface design recommendations from a user study**  
Information Processing & Management, Volume 43, Issue 1, January 2007, Pages 10-29
- B130 Soergel, Dagobert, 2006; Obrst, Leo, Cassidy, Patrick, Ray, Steve, Smith, Barry, West, Matthew and Yim, Peter. **The 2006 Upper Ontology Summit Joint Communiqué.** Applied Ontology 1, no. 2 (2006): 203-11.
- B131 Soergel, Dagobert, 2006; Oard, Douglas, Elasyed, Tamer, Wang, Jianqiang, Wu, Yejun, Zhang, Pengyi, Abels, Eileen, and Lin, Jimmy.  
**TREC-2006 at Maryland: Blog,Enterprise, Legal and QA Tracks**  
In The Fifteenth Text Retrieval Conference, 16 pages, Gaithersburg, MD, 2006
- B131a , Soergel, Dagobert, 2006; Klavans, Judith L., Sidhu, Eep, Sheffield, Carolyn, Lin, Jimmy, Abels, Eileen and Passonneau, Rebecca  
**Computational Linguistics for Metadata Building (CLiMB).**  
Proceedings of the OntoImage Workshop 2006
- B132 Soergel, Dagobert, 2007; Zhang, Pengyi, Plettenberg, Lynne, Klavans, Judith L., and Oard, Douglas W.  
**Task-based interaction with an integrated multilingual, multimedia information system: A formative evaluation**  
JCDL 2007, p. 117-126.
- B133 Soergel, Dagobert, 2007; Oard, Douglas W., Wang, Jiamqiang, Jones, Gareth J.F., White, Ryan W., Percina, Pavel, Huang, Xiaoli and Shafran, Izhak  
**Overview of the CLEF-2006 Cross-Language Speech Retrieval Track**  
In: Evaluation of Multilingual and Multi-modal Information Retrieval. 7th Workshop of the Cross-Language Evaluation Forum, CLEF 2006, Alicante, Spain, September 20-22, 2006, Revised Selected Papers LNCS (4730). Springer. 2007. p. 744-758.
- B134 Soergel, Dagobert, 2007  
**Design of an information structure interface**  
Presentation at DISI - Dipartimento di Ingegneria e Scienza dell'Informazione, University of Trento, Italy, May 14, 2007
- B135 Soergel, Dagobert, 2007  
**Digital library content model**  
Presented at the Digital Library Foundations Workshop. JCDL 2007
- B136 Soergel, Dagobert, 2007

Reporting for the DLRM Working Group The DELOS DL Reference Model  
Presented at the Digital Library Foundations Workshop. ECDL 2007

- B137 Soergel, Dagobert, 2007; Candela, L., Castelli, D., Ferro, N., Ioannidis, Y., Koutrika, G., Meghini, C., Pagano, P., Ross, S., Agosti, M., Dobрева, Katifori, V., Schuldt, H.  
**The DELOS Digital Library Reference Model. Foundations for Digital Libraries.** Version .098  
Pisa: ISTI CNR; 2007 December. 215 p. ISBN 2-912335-37-X, ISSN 1818-8044  
[www.delos.info/files/pdf/ReferenceModel/DELOS\\_DLReferenceModel\\_0.98.pdf](http://www.delos.info/files/pdf/ReferenceModel/DELOS_DLReferenceModel_0.98.pdf)
- B138 Soergel, Dagobert, 2008  
**Digital libraries and knowledge organization systems**  
In Kruk, Sebastian, ed. Semantic Digital Libraries. Springer 2008, p. 9 -39  
[www.dsoergel.com/NewPublications/SoergelDigitalLibrariesandKnowledgeOrganization.pdf](http://www.dsoergel.com/NewPublications/SoergelDigitalLibrariesandKnowledgeOrganization.pdf)
- B139 Soergel, Dagobert, 2008; Sini, Margherita, Johannsen, Gudrun, Salokhe, Gauri, with the contribution of: Liang, Anita  
**Basic Guidelines for Managing AGROVOC**  
Last revision: April 2008 <ftp://ftp.fao.org/docrep/fao/010/ai144e/ai144e00.pdf>
- B140 Soergel, Dagobert, 2008; Sini, Margherita  
Presentation on the AGROVOC concept server University of Trento 2008
- B141 Soergel, Dagobert, 2008; Sini, Margherita, Johannsen, Gudrun with the contribution of, Thunkijjanukij, Aree, and Yadav, Vimlesh  
**Proposal for restructuring Scientific Names and Common Names in AGROVOC**  
Rome: FAO October 2008
- B142 Soergel, Dagobert, 2008; Klavans, Judith L., Sidhu, Tintype, Sheffield, Carolyn, Lin, Jimmy, Abels, Eileen and Passonneau, Rebecca  
**Computational Linguistics for Metadata Building (CLiMB) Text Mining for the Automatic Extraction of Subject Terms for Image Metadata**  
Presented at The First International Workshop on Image Mining. Theory and Applications (IMTA-2008) In conjunction with the 3rd International Conference on Computer Vision Theory and Applications (VISAPP 2008)
- B143 Soergel, Dagobert, 2008; Klavans, Judith, Sheffield, Carolyn, Lin, Jimmy, Passonneau, Rebecca, Abels, Eileen, Sidhu, Tintype.  
**CLiMB Poster Session.**  
Visual Resource Association, March 2008. San Diego, California
- B144 Soergel, Dagobert, 2008; Klavans, Judith, Sheffield, Carolyn, Abels, Eileen, Beaudoin, Joan, Jenemann, Joan, Lin, Jimmy, Lippincott, Tom, Passonneau, Rebecca, Sidhu, Tintype, Yano, Tae.  
**Computational Linguistics for Metadata Building: Aggregating Text Processing Technologies for Enhanced Image Access.** Proceedings of the 2nd Workshop on Language Resources for Content-Based Image Retrieval (OntoImage 2008) at LREC 2008, pages 42-47, May 2008, Marrakech, Morocco
- B145 Soergel, Dagobert, 2008  
**The DELOS Reference Model as a Lingua Franca of Digital Libraries**  
Third Workshop on Foundations of Digital Libraries ECDL Aarhus 18 September 2008  
[www.delos.info/files/pdf/DLFoundations2008/2\\_SoergelDLFoundations08.pdf](http://www.delos.info/files/pdf/DLFoundations2008/2_SoergelDLFoundations08.pdf)
- B146 Soergel, Dagobert, 2008, compiler and formatter  
**Subject categories (subject domains). Sample schemes**  
University of Trento, 2008 November  
<http://dit.unitn.it/~knowdive/Lectures/Dagobert/SubjectDomains.pdf>
- B147 Soergel, Dagobert, 2008; Zhang, Pengyi, Klavans, Judith, and Oard, Douglas  
**Extending Sense-Making Models with Ideas from Cognition and Learning Theories**  
ASIST 2008, Sunday Oct. 26, Session on Sense Making. Online Proceedings, Paper 29, p. 1 - 23 [34 - 56]
- B148 Soergel, Dagobert, 2009  
**Digital Libraries and the Semantic Web**



ICSD 2009

- B149 Soergel, Dagobert, 2009; Klavans, Judith L., Sheffield, Carolyn, Abels, Eileen, Lin, Jimmy, Passonneau, Rebecca and Sidhu, Tintype  
**Computational linguistics for metadata building (CLiMB): using text mining for the automatic identification, categorization, and disambiguation of subject terms for image metadata**  
Journal of Multimedia Tools and Applications. 2009 March; 42(1): p. 115
- B150 Soergel, Dagobert, 2009; Zhang, Pengyi  
**Examining a Comprehensive Sensemaking Model with User Studies of Computer-Assisted Sensemaking**  
Presented at the Sensemaking Workshop at CHI 2009, Boston, MA April 4 - 5, 2009
- B150a Soergel, Dagobert, 2009; Giunchiglia, Fausto, Maltese, Vincenzo, Bertacco, Alessandro  
**Mapping large-scale Knowledge Organization Systems**  
Trento, Italy: University of Trento. Department of Information and Communication Technology. 2009 May  
Technical Report # DISI-09-029 <http://eprints.biblio.unitn.it/archive/00001616/01/029.pdf>
- B151 Soergel, Dagobert, 2009; Klavans, Judith L., Chun, Susan, Golbeck, Jennifer, Sheffield, Carolyn, and Stein, Robert  
**Language and Image: T3 = Text, Tags, and Trust**  
Presented at Digital Humanities June 2009
- B152 Soergel, Dagobert, 2009; Klavans, Judith, Abels, Eileen, Lin, Jimmy, Passonneau, Rebecca, Sheffield, Carolyn  
**Mining texts for image terms: the CLiMB project**  
Presented at Digital Humanities June 2009
- B153 Soergel, Dagobert, 2009; Bradley, Rachael  
**Image Subject Searching: What We Know and Where We Need to Go**  
Submitted to JASIST, under revision
- B154 Soergel, Dagobert, 2009  
**Knowledge Organization System Development 2009-01**  
[www.dsoergel.com/SoergelKOSDevelopment.pdf](http://www.dsoergel.com/SoergelKOSDevelopment.pdf)
- B155 Soergel, Dagobert, 2009  
**Knowledge Organization Systems. Overview. 2009-01**  
[www.dsoergel.com/SoergelKOSOverview.pdf](http://www.dsoergel.com/SoergelKOSOverview.pdf)
- B156 Soergel, Dagobert, 2009; Oard, Douglas W., Brusilovsky, Peter, He, Daqing, Klavans, Judith, Loboda, Tomasz, Qian, Leiming, and Zhang, Pengyi  
**Formative Evaluation for Multilingual Multimedia Search and Sense-Making**  
submitted Feb. 2009 for review for inclusion in a forthcoming volume on results from the DARPA Global Autonomous Language Exploitation (GALE) Program.
- B157 Soergel, Dagobert, 2009  
**The task-centric revolution. Weaving information into workflows**  
Talk at the presentation of the CISTA award at UCLA  
Los Angeles Chapter of the American Society of Information Science 2009-02-05  
[www.dsoergel.com/NewPublications/SoergelTaskCentricRevolutionCISTA20090205SlidesC.ppt](http://www.dsoergel.com/NewPublications/SoergelTaskCentricRevolutionCISTA20090205SlidesC.ppt)  
[www.dsoergel.com/NewPublications/SoergelTaskCentricRevolutionCISTA20090205Audio.mp3](http://www.dsoergel.com/NewPublications/SoergelTaskCentricRevolutionCISTA20090205Audio.mp3)
- B158 Soergel, Dagobert, 2009  
**Semantic mapping through a concept hub.** Presentation, Humboldt University, Berlin July 2, 2009 [www.dsoergel.com/MappingConceptHubBerlin.ppt](http://www.dsoergel.com/MappingConceptHubBerlin.ppt)
- B159 Soergel, Dagobert, 2009  
**Digital Library Content Model.**  
Presentation, University of Applied Sciences, Cologne, July 7, 2009. [www.dsoergel.com/DLF-JCDL2007ExpandedKoeln.ppt](http://www.dsoergel.com/DLF-JCDL2007ExpandedKoeln.ppt)
- B160 Soergel, Dagobert, 2009

**Digital Libraries and the Semantic Web. A conceptual framework and an agenda for research and practice. Keynote**

International Conference on Digital Libraries and the Semantic Web, Trento, Italy, Sep. 8 -11, 2009

- B161 Soergel, Dagobert, 2009; for the dl.org Functionality Working Group  
**Interoperability and Reuse in the Functionality Domain**  
Presentation at the Workshop Digital Libraries: Interoperability, Best Practices and Modeling Foundations. ECDL 2009. Corfu, 2009-10-01
- B162 Soergel, Dagobert, 2009  
**Classification and the Web. Illuminating Chaos through meaningful structure. Keynote**  
Classification at the Crossroads. International UDC Seminar 2009, The Hague, 29-30 October 2009  
[http://www.udcc.org/seminar2009/presentations/soergel\\_UDCSeminar2009.pdf](http://www.udcc.org/seminar2009/presentations/soergel_UDCSeminar2009.pdf)
- B162a Koraljka Golub, Vanda Broughton, George Buchanan, Emlyn Everitt, Marianne Lykke Nielsen, Soergel, Dagobert, , Douglas Tudhope  
**EASTER project: Evaluating Automated Subject Tools for Enhancing Retrieval**  
Digital Libraries: interoperability, Best Practices and Modeling Foundations Corfu, Greece 2009 October
- B163 Soergel, Dagobert, 2009  
**Conceptual foundations for semantic mapping and semantic search. Semantic mapping through a conceptual hub**  
Keynote, Cologne Conference on Interoperability and Semantics in Knowledge Organization. Concepts in Context  
Cologne University of Applied Sciences. Institute of Information Management (IIM) 2010-07-19  
[www.dsoergel.com/SoergelSemanticMappingCologne2010.ppt](http://www.dsoergel.com/SoergelSemanticMappingCologne2010.ppt)  
Proceedings of the Cologne Conference in Interoperability and Semantics in Knowledge Organization July 19th - 20th, 2010.  
Edited by Felix Boteram, Winfried Gödert and Jessica Hubrich. Würzburg: ERGON, 2011.  
(=BIBLIOTHECA ACADEMICA, Reihe Informations- und Bibliothekswissenschaften, Band 1
- B164 Soergel, Dagobert, 2010; Athanasopoulos, G., El Raheb, K., Fox, E., Kakalettris, G., Manola, N., Meghini, C., Rauber, A.  
**A Framework for Digital Library Function Description, Publication, and Discovery: A prerequisite for interoperable digital libraries**  
"Making Digital Libraries Interoperable: Challenges and Approaches" Workshop to be held in conjunction with ECDL'10, in Glasgow, Scotland, 2010-09-07
- B164a Soergel, Dagobert, 2010; Athanasopoulos, George, Fox, Edward, Ioannidis, Yannis, Kakalettris, George, Manola, Natalie, Meghini, Carlo, Rauber, Andreas  
**A Functionality Perspective on Digital Library Interoperability**  
ECDL 2010. p. 405-408.
- B164b Soergel, Dagobert, 2010; Wang, J.  
**A user study of relevance judgments for e-discovery**  
Proceedings of ASIST. 2010 November 47(1): 1-10
- B165 Soergel, Dagobert, 2011  
**Towards a relation ontology for the Semantic Web.**  
Invited presentation, International UDC Seminar 2011. Classification and Ontology. The Hague, 2011-09-9-(19-20)  
[http://www.udcds.com/seminar/2011/media/slides/UDCSeminar2011\\_DagobertSoergel.pdf](http://www.udcds.com/seminar/2011/media/slides/UDCSeminar2011_DagobertSoergel.pdf)
- B165a Soergel, Dagobert, 2012  
**Illuminating Chaos. Using Semantics to Harness the Web**  
Public lecture. Escola de Ciência da Informação. Universidad Federal de Minas Gerais Belo Horizonte, Brazil. May 22, 2012
- B166 Soergel, Dagobert 2013; Huang, Xiaoli;  
**Relevance: An improved framework for explicating the notion**

JASIST. 2013 January 64(1): 18-35.  
DOI: 10.1002/asi.22811  
Article first published online : 6 DEC 2012, DOI: 10.1002/asi.22808

- B167 Soergel, Dagobert, 2013  
**Ontology-based resource and information tracking to support evaluation of translational research**  
Presentation at the 2nd Meeting of the IKFC Clinical and Translational Science Ontology Affinity Group. Orlando, FL, Feb. 11 - 12, 2013
- B168 Soergel, Dagobert, 2013; Huang, X.  
**Functional relevance and inductive development of an e-retailing product information**  
Information Research. 2013 June 18(2)  
<http://informationr.net/ir/18-2/paper574.html#.UnlA9IPWat8>
- B169 Soergel, Dagobert 2014; Tafuto, Barbara  
**Research Networking and Related Systems (RNS): A Framework for Design, Description, and Evaluation of their Functionality**  
2014 January <https://wiki.duraspace.org/pages/viewpage.action?pageId=34664661>
- B170 Soergel, Dagobert 2014; Zhang, Pengyi  
**Towards a Comprehensive Model of the Cognitive Process and the Mechanisms of Individual Sensemaking.**  
Journal of the Association for Information Science and Technology 2014 September 65(9), p. 1733-1756.  
Article first published online : 23 APR 2014, DOI: 10.1002/asi.23125
- B171 Soergel, Dagobert, 2014; Huang, Xiaoli, Klavans, Judith L.  
**Modeling and Analyzing the Topicality of Art Images.**  
Journal of the Association of Information Science and Technology, in print.
- B172 Soergel, Dagobert, 2014  
**Knowledge Organization for Learning**  
Proceedings of the Thirteenth International ISKO Conference (Krakow, Poland, May 19 -22, 2014), Wuerzburg: Ergon 2014 (Advances in Knowledge Organization. V. 14): p. 22 - 32.  
Invited plenary session paper
- B173 Soergel, Dagobert, 2014; Ahn, Jae-wook, Lin, Xia, Zhang, Mi, Ying, William  
**Mapping between ARTstor terms and the Getty Art and Architecture Thesaurus**  
Proceedings of the Thirteenth International ISKO Conference (Krakow, Poland, May 19 -22, 2014), Wuerzburg: Ergon 2014 (Advances in Knowledge Organization. V. 14): p. 184 - 191.
- B174 Soergel, Dagobert, 2014  
**Ontology mapping. A concept hub for storing mapping data and linguistic methods for producing mappings**  
Presentation, Department of Information Management, Peking University 2014 Sept. 16
- B175 Soergel, Dagobert, 2014  
**Knowledge Organization for Learning. Conjectures and Methods of Study**  
Keynote lecture, National Doctoral Symposium on Library Science, Suzhou, China 2014 Sept. 20
- B176 Soergel, Dagobert, 2014  
**Ontology mapping. A concept hub for storing mapping data and linguistic methods for producing mappings**  
Seminar talk, School of Information, UC Berkeley. 2014 October 24
- B177 Soergel, Dagobert, 2014  
**The Landscape of Information Science Research. Research questions and methods**  
Invited lecture, Brazilian Information Science Conference (ENANCBIB 2014) Research Day, UFMG, Belo Horizonte 2014 Oct. 31
- B178 Soergel, Dagobert, 2014  
**New ways of information support for thinking and problem solving**  
Invited presentation, Brazilian Information Science Conference (ENANCBIB 2014) Research Day, concluding roundtable, UFMG, Belo Horizonte 2014 Oct. 31

- B179 Soergel, Dagobert, 2014  
**A universal source thesaurus or A universal KOS database**  
Invited opening presentation, 2nd Knowledge in Diversity Workshop. University of Trento, Italy, 2014 Nov. 26
- B180 Soergel, Dagobert 2013 / 2105  
**Knowledge Organization for Learning. Conjectures and Methods of Study.**  
Ciência da Informação. Special issue Informação e Tecnologia v. 42, n. 2 (2013, p. 232-254 [Published 2015 August]. Invited. (A revised and expanded version of the ISKO 2014 plenary paper)  
<http://revista.ibict.br/index.php/ciinf/article/download/2288/1911>
- B181 Soergel, Dagobert, 2015; Huang, Xiaoli ; Klavans, Judith L.  
**Modeling and Analyzing the Topicality of Art Images.**  
Journal of the Association of Information Science and Technology. 2015-08. [66\(8\)](#): 1616–1644.
- B182 Soergel, Dagobert 2015; Li, Shuqing; Sun, Ying  
**A new method for automatically constructing domain-oriented term taxonomy based on weighted word co-occurrence analysis**  
Scientometrics 2015-06; 103(3):1023-1042. DOI:10.1007/s11192
- B183 Soergel, Dagobert 2015  
**Unleashing the power of data through organization. Structure and connections for meaning, learning, and discovery.**  
ISKO UK Conference 2015. Knowledge Organization - Making a Difference  
The impact of knowledge organization on society, scholarship and progress London, UK, 2015-07-13/14. Invited keynote.  
A much expanded paper based on the keynote to appear in the journal Knowledge Organization
- B184 Soergel, Dagobert 2015; Popescu, Denisa  
**Organization Authority Database Design with Classification Principles.**  
International UDC Seminar entitled "Classification & Authority Control: Expanding Resource Discovery" Lisbon, on October 2015-10-29/30.  
Accepted
- B185 Soergel, Dagobert, 2015; Hansson, Joacim; Golub, Koraljka; Tudhope; Douglas  
**Managing classification in libraries: a methodological outline for evaluating automatic subject indexing and classification in Swedish library catalogues.**  
International UDC Seminar entitled "Classification & Authority Control: Expanding Resource Discovery" Lisbon, on October 2015-10-29/30. Accepted
- B186 Soergel, Dagobert, 2015; Golub, Koraljka; Buchanan, George; Tudhope, Douglas; Hiom, Debra; Lykke, Marianne.  
**A framework for evaluating automatic indexing or classification in the context of retrieval.**  
Journal of the American Society of Information Science and Technology.  
Accepted 2015-06
- B187 Soergel, Dagobert, 2015  
**Knowledge Organization for Learning. Conjectures and methods of study.**  
Public lecture at UFMG 2015-06-23
- B188 Soergel, Dagobert, 2015  
**Linked Data.**  
Public lecture at UFMG 2015-07-02

**C      Invited workshops involving scholarly contributions****C1      DELOS Brainstorming Meeting**

Juan-le-Pins (near Nice), France, 05-05 December 2005

**C2      DELOS workshop on a Digital Library Reference Model.**

Frascati, Italy, June 1 - 2, 2006 invited, co-chaired breakout session on the information domain

**D Book Reviews**

- D1 **Das Informationsbankensystem.** (The information bank network). Information Storage and Retrieval. 1974.5; 10(5/6): 231-233.
- D2 Lancaster, F. W. **Vocabulary control for information retrieval.** Washington: Information Resources Press; 1972. International Classification. 1975; 2(1): 49-52.
- D3 Hutchins, W. J. **Languages of indexing and classification: A linguistic study of structures and functions.** Stevenage, England: Peter Peregrinus 1975, 148 p. Library Quarterly. 1977.4; 47(2): 194-196.
- D4 Scheele, Martin. **Ordnung und Wortschatz des Wissens. Entwurf zu einem Überblick über das menschliche Wissen auf der Grundlage der Wörter. (Order and vocabulary of knowledge on the basis of the terms found in natural language.)** International Classification. 1978; 5(2): 113-115.
- D5 Svenonius, Elaine. **String indexing.** 3 v. London, Ontario: School of Library and Information Science, University of Western Ontario; 1977. Library Quarterly. 1979.10; 49(4): 465-466.
- D6 **Essential problems in terminology for informatics and documentation.** FID Publication, no. 569. And **Theoretical problems of informatics: New trends in informatics and its terminology.** FID Publication, no. 568. Library Quarterly. 1980.10; 50(4): 509-510.
- D7 Van Duyn, J. **Developing a data dictionary system.** Englewood Cliffs, N.J.: Prentice-Hall; 1982. Information Processing and Management. 1983; 19(4): 265-266.
- D8 Brodie, M.L.; Mylopoulos, J.; Schmidt, J.W. (Eds.): **On conceptual modelling. Perspectives from artificial intelligence, databases, and programming languages.** New York, NY etc.: Springer; 1984. 510 p. International Classification, 1986: 13(1): 45
- D9 Deutscher Bundestag. Gruppe Datenverarbeitung: **Struktur des Thesaurus für Parlamentsmaterialien. PARTHES.** Formaler Aufbau und Datenverarbeitungs- Konzept. (Structure of the Thesaurus for Parliamentary Materials. PARTHES. Formal structure and data processing concepts.) Munich, etc.: K.G. Saur 1985. 146 p. International Classification. 1986; 13(2): 105.
- D10 Lancaster, F.W. **Vocabulary control for information retrieval.** 2. ed. Arlington, VA: Information Resources Press; 1986. 262 p. Journal of Academic Librarianship. 1987.7; : 173
- D11 Smith, Milburn D. III. **Information and records management: a decision-makers guide to systems planning and implementation.** Westport, CN: Greenwood; 1986. 285 p. Computing Reviews. 1987.9; 28(9): 468. (#8709-0734).
- D12 Panyr, Jiri. **Automatische Klassifikation und Information Retrieval. Anwendung und Entwicklung komplexer Verfahren in Information-Retrieval-Systemen und ihre Evaluierung.** (Automatic classification and information retrieval. Publication and development of complex procedure in information retrieval systems and their evaluation. Tübingen: Niemeyer; 1986. 416 p. International Classification. 1988; 15(1): 42.
- D13 Markey, Karen. **Subject Access to Visual Resources Collections: A Model for Computer Construction of Thematic Catalogs.** New York: Greenwood; 1986. 189 p. (ISBN 0-313-24031-0) LC 86-7658. College and Research Libraries. 1988.9; 49(5): 473-475.

- D14 Fensterer, Richard. **Communications and networking**. Westport, CT: Meckler; 1988. 219 p. (Essential guide to Apple Computers. v. 3.)  
Computing Reviews. 1989.
- D15 Pao, Miranda Lee. **Concepts of information retrieval**. Englewood, CO: Libraries Unlimited; 1989. 285p.  
Library Quarterly. 1990.1; 60(1): 83-84.
- D16 Laffal, Julius. **A concept dictionary of English with computer programs for concept analysis**. Essex, CT: Gallery Press; 1990.  
Information Processing and Management. 1991; 27(6): 737-738.
- D17 Nelson, Nancy M., ed. **Technology for the '90s: microcomputers in libraries**
- D18 Harvey, Brian. **Computer science Logo style. v.1: Symbolic computing. v. 2: Advanced techniques. v.3: Beyond programming**. Cambridge, MA: MIT Press; 1997..  
Computing Reviews. 1998.5; 39(5): 251-253.
- D19 Christiane Fellbaum, ed., with a preface by George Miller. **WordNet. An electronic lexical database**. Cambridge, MA: The MIT Press; 1998. 423 p. Illustrations, Index.  
(<http://mitpress.mit.edu/book-home.tcl?isbn=026206197X>)  
D-lib Magazine. 1998.10. <http://www.dlib.org/dlib/october98/10bookreview.html> (An extensive seven-page review)
- D20 National Research Council. Center for Science, Mathematics, and Engineering Education. **Developing a digital national library for undergraduate science, mathematics, engineering, and technology education. Report of a workshop**.  
National Academy Press, Washington, DC 1998, 128 pp. ISBN 0-309-05977-1 Also  
[www.nap.edu/readingroom/books/dlibrary](http://www.nap.edu/readingroom/books/dlibrary) and 3 related workshop reports. Computing Reviews  
1999.10; 40(10): 469-471 (Review no 9910-0755)
- D21 **Annual review of information science and technology. Volume 34 (1999)**  
Library and Information Science Research. 2003; 25(1): 111 - 113
- D22 Vladimir Geroimenko  
**Dictionary of XML technologies and the semantic Web .**  
London: Springer 2004. 248 p.  
Computing Reviews 2005 February, Review CR129787 (0502-0207)
- D23 Kuhlen, Rainer; Seeger, Thomas; Strauch, Dietmar, eds.  
**Grundlagen der praktischen Information und Dokumentation (Foundations of practical information and documentation)**. 5th completely new edition.  
Muenchen: Saur; 2004  
Volume 1: Handbuch zur Einführung in die Informationswissenschaft und - praxis (Handbook and introduction to information science and information practice). 42, 762 p.  
Volume 2: Glossar (Glossary). 148 p.  
Information. Wissenschaft und Practice. 56(8); 2005.11: p. 457-458
- D24 Heting Chu  
**Information representation and retrieval in the digital age**  
(ASIST Monograph Series)  
Medford, NJ: Information Today; 2003. 248 p. ISBN 1-57387-172-9  
Information Retrieval 9(1), 2006
- D25 Ingwersen P., Jarvelin K.,  
**The turn: integration of information seeking and retrieval in context** (The Information Retrieval Series)  
Springer-Verlag New York, Inc., Secaucus, NJ, 2005. 448 pp. Computing Reviews Feb. 2006  
with Xiaoli Huang Review #: CR133129
- D26 Voorhees E., Harman D.,  
**TREC: experiment and evaluation in information retrieval (Digital Libraries and Electronic Publishing)**

The MIT Press, 2005. 368 pp.

Review in Computing Reviews, Review #: CR133676 Dec 7 2006



- E Reports, unpublished manuscripts, projects**
- E0 **Outline of an algorithm for the analysis and comparison of classification systems.** Freiburg: Dagobert Soergel; 1965. May 30 p. , appendices. Available from the author.
- E1 **Report on the information retrieval systems of three European data archives.** Cologne: Zentralarchiv für empirische Sozialforschung; 1969.11. 139 p.
- E2 **Various reports on a computerized information storage and retrieval system for data sets (with particular reference to labor market research) developed at DATUM** 1969-1970.
- E3 With Joseph Donohue.  
**Information support planning document for the Bureau of Foods.** Washington, D.C.: 1973.7. 143 p. (not for quotation)
- E4 **A blueprint for information services in the Smithsonian Institution.** Washington, D.C.: Smithsonian Institution; 1976.7. 232 p.(not for quotation)
- E5 **A personal classification of information science.** University of Maryland, 1977.
- E6 **Structural outline of topics dealt with in three courses (ISAR, Data Processing, Special Libraries) and their logical interrelationships.** University of Maryland, 1977.4.
- E7 **Design of an intelligent database guide.** Small project funded by the Ministry for Research and Technology, Federal Republic of Germany, 1986.
- E8 **Languag manual.** Prepared by the Languag (formerly Factored Food Vocabulary) Committee of the Center for Food Safety and Applied Nutrition, FDA. Primary authors D. Soergel and Anne McCann.
- E9 **Design of an Interlinked Food Description (IFD) Database. A New Food Description System. Expanded and revised from the initial Factored Food Vocabulary. Including a conceptual schema and procedures for the use of the new system.** Prepared for the National Cancer Institute. Diet and Cancer Branch. June 20, 1988.
- E10 with Rainer Kuhlen  
Studie zur Machbarkeit einer mehrsprachigen Sacherschliessung in der Schweizerischen Landesbibliothek. (**Study of the feasibility of multilingual subject access at the Swiss National Library.**) Konstanz, Germany: GAIK; October 1993.
- E11 **Design of an integrated information structure interface. A unified framework for indexing and searching in database, expert, information retrieval, and hypermedia systems.** College Park, MD: University of Maryland. College of Information Studies; January 2000
- E12 **Report on an FAO Ontology and Terminology System** Prepared for the FAO, Rome, Italy. June 6, 2004. 46 p. and many appendices
- E13 **Mapping large-scale knowledge organization systems** Trento, Italy: University of Trento. Dipartimento de Ingegneria e Scienza dell'Informazione May 2009. 14 p. Technical Report # DISI-09-029 <http://eprints.biblio.unitn.it/1616/1/029.pdf>

**F Index languages/thesauri**

- F1 Primary compiler  
**Vorläufiger Thesaurus (Fachwörter-Verzeichnis) für die sozial- und kulturwissenschaftliche Entwicklungsländer-Dokumentation.** (Preliminary thesaurus for documentation on socio-cultural problems of the developing countries.)  
Freiburg/Br.: Forschungsstelle für Weltzivilisation; 1964.3. 40 p.  
  
**Meldeformular. (Document analysis sheet.)** 5. veränderte Auflage. Freiburg/Br.: Forschungsstelle für Weltzivilisation; 1966.5. 4 p.
- F2 Primary compiler, first phase  
**SWP Thesaurus.** (A thesaurus in the area of political planning.) Ebenhausen: Stiftung Wissenschaft und Politik; 1968.
- F3 **Klassifikationssystem der für die Arbeitsmarktforschung relevanten Sachverhalte (Classification scheme of topics pertinent to labor market research.)**  
Bad Godesberg: DATUM; 1970.8.
- F4 Member of working group  
**Factored food vocabulary** (Languag, Langue Alimentaire). Washington, D.C.: Bureau of Foods. 1972 - 1984  
Now at [www.languag.org](http://www.languag.org)
- F5 **RIS classification for information science**  
Classification for the online journal Review of Information Science (no longer active)  
<http://www.iud.fh-darmstadt.de/iud/wwwmeth/publ/example/werkz/risclass/menu1.htm> 1987
- F6 See also A6, **Alcohol and Other Drugs Thesaurus.**
- F7 **Harvard Business Thesaurus**  
Consultant on thesaurus development methodology, software, and content. 2001 -

**G Publications on preschools for at-risk children**

- G1 D. Soergel, F. Johnson, H. Pratt, and I. Crocker.  
**White paper. A head start for children at risk in the Commonwealth of Virginia.**  
Alexandria, VA: Virginia Citizens for Preschool Education; November 1987. 10p.
- G2 D. Soergel, F. Johnson, H. Pratt, and I. Crocker.  
**VCPE action manual on community participation in shaping public policy for at-risk preschool children.**  
Alexandria, VA: Virginia Citizens for Preschool Education; April 1989. 140 p.