FID/CR News 16

Calendar of Meetings 1986

This Calendar tries to list the meetings of the entire year which have a direct or an indirect bearing on the organization of knowledge, classification and indexing.

Jan.17-19: Darmstadt, FRG - Begriffsanalyse (Concept Analysis). Contact: Prof.Dr.R.Wille, TH Darmstadt, FB Mathematik.

Jan.27-28: Dublin, OH - Conference at OCLC (Online Computer Library Center) to Review Study on Use of Classification in Online Catalogs. Contact: OCLC, 6565 Frantz Road, Dublin, OH 43017-0702, USA.

Febr.6: London, GB - 256th CRG Meeting (Classification Research Group), University College London, School of Library, Archive and Information Studies.

Febr.25-27: Göttingen, FRG - 11.Jahrestagung der Ges.f.Linguist.Datenverarb. GLDV: Linguistische Datenverarbeitung und Geisteswissenschaften. Contact: M.Thaller, MPI für Geschichte, Herrmann-Föge-Weg 11, D-3400 Göttingen.

Febr.28-March 1: Tours, FR - Les Industries de la Langue: Enjeux pour l'Europe. Contact: Mme.J.Capron, Salle Monge 206, Ministere de la Recherche et de la Technologie, 1, rue Descartes, F-75005 Paris.

March 11-12: Bruxelles - Conference on "Use and Mis-use of Thesauri". Contact: Bureau Marcel van Dijk, Ave. Louise, 250 - Bte.14. B-1050 Brussels.

March 19-22: Monterey, CA - Conference on Theoretical Aspects of Reasoning about Knowledge. Contact: J.Halpern, IBM Research, K51/281, 5600 Cottle Road, San Jose, CA 95193, USA.

March 25: London, GB - British Society of Soil Science and British Classification Society. Meeting on "Statistics and Computers in Soil Science". Contact: Dr.P.J. Gregory, Dept.of Soil Science, University of Reading, London Road, Reading, Berks, RG1 5AQ, England.

March 31-April 4: Orlando, FL - Third Annual Conference on Applications of Artificial Intelligence. Contact: J.F.Gilmore, Artificial Intelligence Branch, Georgia Tech Research Inst., Atlanta, GA 30332, USA.

April 1-4: Norwich, GB - 5th SCCAC Meeting (Soc.f.Conceptual and Content Analysis by Computer) in conjunction with the 13th ALLC Conference. University of East Anglia. Contact: K.M.Schmidt, Dept.of German and Russian. Bowling Green State University. Bowling Green, OH, 43403, USA.

April 1-4: Charleston, SC - First Int.Conference on Expert Database Systems. Contact: Larry Kerschberg, Program Chairman, College of Business Administration, University of South Carolina, Columbia, SC, 29208, USA.

April 1-4: Wien - 8th European Meeting on Cybernetics and Systems Research. Contact: R.Trappl, Department of Medical Cybernetics and Artificial Intelligence, University of Vienna, Freyung 6/2, A-1090 Wien

April 21-22: Frankfurt, FRG - 5th Workshop KTK: Expertensysteme und Wissensorganisation in der Fachinformation. Contact: Deutsche Gesellschaft für Dokumentation, Westendstr. 19, D-6000 Frankfurt 1.

April 23-25: Manchester, GB - Aslib 58th Annual Conference and Exhibition. Information for Decision Making. Contact: B.Hobbs, Aslib, 26-27 Boswell Street, London WC1N 3JZ, England.

April 24: London, GB - 257th CRG Meeting, UCL, School of Library, Archive and Information Studies.

April 24-27: Singapore - Artificial Intelligence 86 Conference. "AI and its Applications: A State-of-the-Arts Review". Contact: North-Holland, P.O.Box 1991, NL-1000 BZ Amsterdam.

June 11-14: New York City. Annual Meeting of the Association for Computational Linguistics (ACL), Contact: D.Terence Langendoen, CUNY Graduate Center, 33 W 42nd Street, New York. NY, 10036

June 13-17: Darmstadt, FRG - Symmetry Symposion. Contact: Prof.Rudolf Wille, FB Mathematik, Techn. Hochschule. D-6100 Darmstadt.

June 18-21: Münster, FRG - 10th Annual Conference of Ges.f.Klassifikation eV, "Die Klassifikation und ihr Umfeld" (Classification and its environment). Contact: Ges.f.Klassif., Secretariat, Woogstr.36a, D-6000 Frankfurt 50.

June 26-July 20: Chicago, IL - 8th Int.Summer Insti.f. Semiotic and Structural Studies. Contact: Martin Müller, Dept.of English, Northwestern University, Evanston, IL 60201, USA.

July 3: London, GB - 258th CRG Meeting, UCL, School of Library, Archive and Information Studies.

July 21-25: Brighton, U.K. - European Conference on Artificial Intelligence. ECAJ. Contact: Benedict du Boulay, (General Chairman). The University of Sussex, Cognitive Studies Programme, Brighton, BN1 6QN,

Aug.11-15: Philadelphia, PA - 5th National Conference on Artificial Intelligence. Contact: Lorrain Cooper, AAAI, 445 Burgess, Menlo Park, CA. 94025, USA.

Aug.15-17: Amherst, MA - The 8th Annual Conf.of the Cognitive Society. Contact: Ch.Clifton, Dept.of Psychology, University of Massachusetts, Amherst, MA 01003, USA.

Aug.24-29: Tokyo - 52nd IFLA General Conference. "New Horizons of Librarianship towards the 21st Century". Contact: Organizing Committee, c/o Japan Library Association, 1-10 Taishido 1-chome, Setagaya-ku, Tokyo 154, Japan.

Aug.25-29: Bonn, FRG - 11th Int.Conference on Computational Linguistics. COLING. Contact: Prof.Dr.W. Lenders, Inst.f.Kommunikationsforsch. und Phonetik, Poppelsdorfer Allee 47, D-5300 Bonn 1.

Sept.2-4: Aix-en-Provence, FR - 1st Int.Conf.on Progress of Artificial Intelligence, Intelligent Systems and Conceptual Modeling. Contact: AFCET, 156, Bld. Pereire, F-75017 Paris.

Sept.14-18: Montreal - 43rd Congress of the Int.Federation for Documentation. "Information, Communications and Technology Transfer". Contact: Local Organizing Committee, C.P.1144, Succursale Place Desjardins, Montreal, Quebec, H5B 1B3, Canada.

Sept.22-26: Ottenstein bei Zwettle, Österreich. 10.GWAI und 2.Österreichische AI-Tagung. Contact: Dr.C.-R. Rollinger, IBM Deutschland, GmbH, Abt. 3504 LI-LOG. Pf.800880, D-7000 Stuttgart 80

Sept.28-Oct.2: Chicago, IL: ASIS 86. Contact: Amer. Soc.Inform.Sci., 1010 16th Street, NW. Washington, DC 20036, USA.

Sept.30-Oct.2: London, GB: 2nd Int.Expert Systems Conf.& Exhibition. Contact: Learned Information. Besselsleigh Road, Abingdon, Oxford, OX 13 6LG, England.

Oct.8-10: Freiburg, FRG - Deutscher Dokumentartag 1986. Contact: Deutsche Gesellschaft für Dokumentation, Westendstr.19, D-6000 Frankfurt 1.

Oct.23: London, GB: 259th CRG Meeting. UCL, School of Library, Archive and Information Studies.

Nov.26-28: Paris - 3rd Int.Exhibit and Symposium on Artificial Intelligence and Productivity. SIMTEC Communications, 211, rue St.Honore, F-75001 Paris, FR

Dec.11: London, GB - 260th CRG Meeting, UCL, School of Library, Archive and Information Studies.

New FID/CR Report

FID/CR Report No.21 has been issued in April 1986 and is available from the INDEKS Verlag, Woogstr.36a, D-6000 Frankfurt 50. The report is entitled "Computerized Deep Structure Indexing Systems", and its author, Dr.F.DEVADASON from DRTC, Bangalore, says about it: "The report describes computer generation of Postulate-based Permuted Subject Index (POPSI) entries, having Lead and Context Headings, from names of subjects formulated according to DSIS (Deep Structure Indexing System). It also discusses the salient features of this system such as, the generation of different types of subject index entries from a single name of subject formulated according to DSIS; elimination of the need for providing "ascending and descending" see-also cross references; provision of default options for selection of Lead and Context terms; producing an "organizing classification effect" in the alphanumeric arrangement of Context Headings, etc. The system consists of programs written in COBOL and PL/1 tested on an IBM/370-155 computer."

Classification Topics at 43rd FID Congress

One of the sessions of this Congress to be held at Montreal, Canada, Sept.14-18, 1986 is devoted entirely to topics in the field of the organization of knowledge. Under the heading of "Organization and Exploitation of Information" we find the following papers in the program: W.G.STILES: The Broad System of Ordering as a model for an artificial intelligence (?). - E.J.COATES: Lexical tools for information exchange in a mechanized environment - some considerations relative to the Broad System of Ordering. - J.P.COMAROMI: The Dewey Decimal Classification in the 21st Century. - K.MARKEY, A.N. DEMEYER: Library classification as a subject searcher's tool in an online catalog. - C.D.BATTY: The nature and development of multi-dimensional classification structures. - M. WILLIAMSON: Trends in intelligent classification systems. - M.W.WEST: Heuristic classification for query processing. - H.GRAVES: Knowledge representation for information retrieval. -

Besides this there are some three papers in Session 2 on "Information -Theories, Tools, Systems" which should also be of interest, namely: D.OURSTON, R.W.McBeth: Artificial intelligence techniques for documentation support: the ARM Editor. - Y.FUJIWARA et al: Multilingual thesauri for internationally distributed information

systems. - P.P.CANISIUS: Will expert systems replace documentalists?

The 3rd Regional Meeting of FID/CR will precede the Congress immediately. Its program and further details will be supplied at a later date.

For further information on the FID Congress, please, contact the Local Organizing Committee, FID 43rd Conference and Congress. C.P.1144. Succursale Place Desjardins, Montreal, Quebec, H5B 1B3, Canada.

Use and Mis-use of Thesauri, Brussels, March 12-13, 1986

The Commission of the European Communities through the Directorate-General "Information Market and Innovation" (Mr.L.ROLLING) invited participation in a conference as named above, organized by the Bureau Marcel van Dijk, Brussels (Mr.van SLYPE).

The Programme included the following 4 Sessions:
1. *Design and development of thesauri* (Recommended practice. Standards. Thesaurus Guides. Inadequate practice. Consequences. Development of multilingual thesauri. Case studies).
2. *Maintenance and application of thesauri* (Recommended practices. Indexing and query formulation. Inadequate practices. Consequences. Maintenance of multilingual thesauri. Case studies).
3. *Infrastructure* (Software for the development of thesauri. Data base retrieval software. Computerized analytical inventory. Recent developments).
4. *Conclusions* (presentation of reports and recommendations from sessions 1-3. General discussion)

The results of this conference will be reported at the forthcoming 10th Annual Conference of the German Society for Classification (Münster, June 18-21) (see below) in a paper by Walter KRUMHOLZ, one of the chairmen of the CEC-conference in Brussels.

Classification and its Environment, Münster, June 18-21, 1986

The 10th Annual Conference of the German Society for Classification will be held in Münster, Westphalia (see also the Call for Papers in the last issue of Int.Classif., p.155). The programme offers 65 papers, among which 2 Tutorials and 4 Plenary Lectures. It is available from the Secretariat, Woogstr. 36a, D-6000 Frankfurt 50.

The papers are organized in 14 sessions, seven of them dealing with conceptual classification and related problems and seven with numerical classification and biological taxonomy. The first ones cover the following topics: Foundations of the organization of knowledge; System and taxonomy of knowledge; Indexing languages in comparison; Subject cataloguing; Subject indexes and online access; Order and classification in economy; Ordering systems in history of art and in linguistics; Algebraic methods and concept analysis.

The introductory lecture will be given by Prof.H. SCHEPERS on "The Concept of the Universal Characteristic of Leibniz".

In the following, only the papers from the conceptual part of classification are listed (in English) in the sequence of the programme: W.DAHLBERG: Natural classification of order. - R.UNGVARY: Comparative investigation into concept relationships. - H.STRÄTER: A partitive relationship is an abstraction relationship. - W.KRUMHOLZ: Use

and mis-use of thesauri. Problems of practical thesaurus use. - H.SCHNELLING: Present function of the subject catalogue in a scientific universal library: necessary specifications and supplements of existing rules. -H. WEIDEMÜLLER: RSWK-application in the German Library: Computerized permutation of index term strings. - G.J. RIESTHUIS: Alphabetical subject indexes and classification. - A.VASILJEV: Online subject access to library holdings. - A.M.COLENBRANDER-DIJKMAN, G.A. RIESTHUIS: Subject access to online central catalogs: incompatibility of library classifications and subject headings. - H.GASTHUBER: Application of principles of order to find new ideas for industrial products. -J.HÖLZL: General recommendations for the description of commodities. - J.GESELL: The new edition of the International Patent Classification. - H.LÖCKENHOFF: On the didactics of the systems approach: outline of knowledge. -J. PANYR: Knowledge and an approach to its taxonomy in the area of artificial intelligence, knowledge extraction and -acception. -N.MEDER: Automatic learning, concept formation and concept movement. -R.FUGMANN: On the function of semantic categories in indexing languages and in indexing. - L.MENNER, R.RESCHELEIT: Comparison of the UDC-faceted classification with the knowledge representation language FRL using selected examples. - K.H.VELTMAN: A new classification for art history. - K.D.Dutz: Classification and systematics in the linguistic area - problems and perspectives. - L. KACZMAREK, H.J.WULFF: "Graphic models" in linguistics. - M. DOMOKOS: A two-level subject access to statistical data. - B.GANTER: The problem of clustering in view of formal concept analysis. - U.KIPKE: Concept lattice schemes for the determination of objects. - J. STAHL: Measurability theorems in formal concept analysis. - R.WILLE: Dependencies of attributes. - I. DAHLBERG: Future perspectives of classification and indexing.

A publication with the abstracts - including also the 34 papers on numerical classification and biological taxonomy - will be available in May 1986 from the Secretariat of the Society.

The proceedings of the conference will appear in the fall of 1986. They will me made available through the INDEKS Verlag, Frankfurt.

U.K.: CRG 255

The 255th Meeting of the Classification Research Group took place on December 11th 1985 at University College of London. Mr.FOSKETT reported on the Conferences in New Delhi on Ranganathan's Philosophy and on the 2nd Regional FID/CR Conference. Mrs. WHITROW had circulated a brief paper on the history of classification by E.Shamurin together with an outline of the contents of each chapter of the work. She stated that she had obtained permission to translate the work and that Mansell had shown interest in its publication. After some preliminary work she concluded, however, that a straight translation would not be satisfactory and that it seemed better to produce a new work. The meeting discussed the matter and agreed that one should start with collecting references and to publish first of all a bibliography with annotations.

The discussion of Class U - Useful Arts in the Bliss Classification was taken up by Mr. MILLS. An outline was to be presented at the next meeting.

U.K.: CRG 256

The 256th meeting of CRG was held on Febr.6, 1986 at UCL with 14 members present. The topic on the history of classification was again taken up. Mr.Foskett asked members to submit a list of items that they saw as "key" works which dealt with classification per se, not with individual schemes.

On the basis of a brief outline of classes in the Technology/Arts complex of the Bliss Classification (attached to the minutes) Mr.MILLS presented his ideas about where to place "Useful arts" and the general problem on how to deal with design on the one hand (aesthetics) and technology (function orientation) on the other. Mr.FOSKETT summed up: Three major factors had been isolated, namely function - compatibility with physical laws and purpose, purpose - the end for which the design was made, and aesthetic co-ordination. This sequence should be the general principle. This sequence should be the general principle, but if one must deviate from it, this should be indicated with references to other classes in a scheme. The next meeting was to be on Classification for Community Information.

FID and Forest Press Meetings

Representatives of the International Federation for Documentation (FID) and Forest Press, the organizations responsible for the Universal Decimal Classification (UDC) and the Dewey Decimal Classification (DDC) respectively, have held a series of discussion meetings during 1985. These meetings, which have been held in The Hague and in Washington D.C. have led to the identification of common ground which could be explored further. The two main areas identified are:

- the education and training of professional information workers in the role and potential of classification systems for information handling, storage and retrieval;
- the development and implications of computerized systems used for storage, manipulation and retrieval of classification schedules, and as editorial support systems.

Forest Press and FID agreed to continue to examine further the scope for collaboration in these areas of common interest and to continue the exchange of information between the two organizations that has been started in 1985.

Medium Edition of the Universal Decimal Classification

BS 1000M Universal Decimal Classification (International Medium Edition), Pt.1, Systematic Tables, has just been published by the British Standards Institution.

The English full edition appears in many fascicles, but this is the first complete edition in English since 1961, when the abridged edition BS 1000A was published. The new edition incorporates many changes and extensions made to the scheme since then.

BS 1000M is offered in two forms: in traditional book form (hard copy) and in machine-readable form, to any format specified by the customer, an innovation in UDC publishing. It is available from the Sales Department, British Standards Institution, Linford Wood, Milton Keynes MK14 6LE, England.

(From BSI Press Release, abbr.)

Classification and Indexing Research
Current Bibliography of Projects

Study sought to determine if librarians perceived subject access to children's materials to be satisfactory. A mail questionnaire was sent to librarians in Wisconsin in public and school libraries. The majority of the respondents agreed that subject access provided by catalogues was satisfactory, but that a serious problem was the language being unsuitable for children's use. Source: Current Research 3(1985)No.4

197   CL175
Research of a method and a procedure of subject indexing current publications suitable for bibliographic control in the frame of the National Library Service. Research workers: Vinay, Angela. Address: Ministry of Cultural Heritage. Institute for the Union Catalogue of Italian Libraries and Bibliographic Information, Rome. Duration: 1984
Survey aims at assessing the best current system for subject indexing for later application of automatic procedures to Italian public libraries.
Source: Current Research 3(1985)No.4

198   CL345
Index display generation — string indexing.
Research worker: Craven, T.C.
Address: University of Western Ontario. School of Library and Information Science, London, Ont., Canada. Duration: 1984-1985
Development of the theory and terminology of index display systems in general and with special emphasis on string indexing systems. An introductory book on string indexing for information managers and students of library and information science is aimed at. Source: Current Research 3(1985)No.4

199   CL43.984
Survey of users of the Dewey Decimal Classification.
Research worker: Howard, Helen. Address: McGill University. Graduate School of Library Science and Information Studies. Duration: 1984-1985
Determination of the primary and secondary uses of the Dewey Decimal Classification among Canadian libraries, especially which libraries are using DDC, to what degree of fullness, for what purposes and for what types of materials. A sample of about 1500 Canadian libraries will be surveyed using a mail questionnaire with telephone follow-up.
Source: Current Research 3(1985)No.4

200   CL483
Schlagwortpool und Konkordanzregister in eingeführten Aufstellungssystematiken für öffentliche Bibliotheken. (Subject headings list and concordance index in established shelf systems of public libraries). Research workers: Beaujean, Marion; Christophersen, M.; Sattrup, G. Address: Stadtbibliothek Hannover, D-3000 Hannover 1. Duration 1982-
Establishment of a subject headings list using terminological control on the basis of the terms used in the German Library and the German "Rules for the Subject Catalogue". In this work, a concordance index to established classification systems should be considered as well as the possibility to use external indexing as a central service for future cooperative cataloguing. Source: Nachr.Dok. 36(1985)No.6

201   CL483
CAU Project.
Address: Biblioteca Nacional, av.Rio Branco 219)39, 20042 Rio de Janeiro, Brazil. Duration: 1984-
The establishment of a system of subject headings to be adopted in the catalogue of the National Library, as well as in the catalogue of the joint libraries is aimed at. The subject headings of the Library of Congress form the basis for the Brazilian system of subject headings. Source: R & D Projects 15(1985)No.4

202   CL489
Neubearbeitung der Systematik für Kinder- und Jugendbibliotheken. (Revision of the classification system for libraries serving children and youth). Research workers: Betten, Lioba; Jachtmann, Bianca; Schmitt, Rita. Address: Bundesministerium für Bildung und Wissenschaft (BMBW). Duration 1984.
Revision and enlargement of the "Systematik für Kinder- und Jugendbüchereien" (SKJ), establishment of a thesaurus for non-fiction literature and a guide to subject groups in fiction. Special emphasis will be laid on meeting the challenges of the new media. Source: Nachr.Dok. 36(1985)No.6

203   CL489
Librarians' satisfaction with subject access to children's materials provided by library catalogs.
Research workers: Woodworth, Mary L., Tessmer, Kathleen M. Address: University of Wisconsin. School of Library and Information Studies. Duration: 1984

204   CL655
Thesaurus on Psychology.
Research workers: Garcia, M.B.; Monfasani, R.E. Address: Carrera de Psicologia, Avde.Correintes No.2038, 1045 Buenos Aires, AR. Duration: 1983.
Establishment of a controlled vocabulary on the basis of the collection of the Biblioteca de la Carrera de Psicologia de la Universidad de Buenos Aires.
Source: R & D Projects 15(1985)No.4

205   CL66;69
Printed catalogue of the Royal Institute of Linguistics and Anthropology on COM-fiche.
Research workers: Karni, R.S.; Kemp, H.C. Address: Royal Institute of Linguistics and Anthropology. Modern Indonesia Documentation Centre. Duration: 1973-1985
The project aims at (1) the development of a thesaurus for the social sciences and humanities pertaining to South East Asia, especially Indonesia closely linked to the Macrothesaurus OECD; and (2) The perfection of an off-line computer oriented system in which titles and keywords of about 5000 publications per year are made machine readable by wordprocessors. The data are manipulated by programs especially written for the Royal Institute at the Leiden University Computer Centre and yield annual systematic catalogues and dictionary catalogues on COM with 5-yearly cumulation on COM. Source: Current Research 3(1985)No.4

206   CL682
Glossary of Library Terms.
Research workers: Soltani, Poori; Rastin, Farvardin. Address: Ketabkhane-ya Meli-ye Iran (National Library of Iran) 30 Tir St., Tehran 11364, Iran. Duration: 1984-1986
Compilation of an adequate glossary of Persian terms used in librarianship in order to meet a need felt by Iranian students of library science and Iranian librarians. Source: R & D Projects 15(1985)No.4

207   CL692
Das Erschließen der Schönen Literatur in öffentlichen Bibliotheken. (Subject analysis of fiction books in public libraries). Research workers: Seefeldt, Jürgen; Seefeldt, Gabriele. Address: Deutsches Bibliotheksinstitut (DBI), Bundesallee 184-185, D-1000 Berlin 31. Duration: 1982-1983.
The project tries to develop a useful classification scheme for fiction books in public libraries as an aid for librarians and users. Source: Nachr.Dok. 36(1985)No.6

208   CL692
Subject index for children and young people to Canadian poetry in English.
Research workers: Snow, Kathleen M.; Gorosh, E., Harper, M. Address: University of Calgary, Calgary, Alberta, Canada. Duration: 1976-1983
The selection of the material to be indexed was made on the basis of subject matter, level of language, level of concept and the attractions of rhythm and imagery. The subject headings used were largely drawn from the "Subject Index to Poetry for Children and Young People" by V.Sell et al, as well as from the "Children's Catalog", published by H.W.Wilson and "Canadian Subject Headings", published by the Canadian Library Association. 70 vols. were indexed by 1982 and published in 1983. A supplement is now in preparation. Source: R & D Projects 15(1985)No.4

209   CL726
Representation and matching of anomalous states of knowledge and document texts.
Research workers: Belkin, N.J. Hapeshi, K. Address: City University. Department of Information Science. Duration: 1983-1985
The project continues from the "Design Study for an ASK Based Information Retrieval System" (Belkin and Oddy 1979). It will develop a text representation and analysis algorithm, collect and analyse a large number (ca 100-200) problem statements and documents retrieved by operational IR systems, investigate relationships between representations of problem statements and of abstracts of documents and determine appropriate retrieval strategies and test them. Source: Current Research 3(1985)No.4