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# KNOWLEDGE ORGANIZATION

KO

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## Contents page

Green, Rebecca (Ed.). (1998). **Keynote Panel: ISKO's Fifth International Conference: Lille, France.**

*Knowledge Organization*, 25(4), 143-161.

**ABSTRACT:** ISKO's Fifth International Conference was held August 25-29, 1998 in Lille, France. The conference opened with a panel (Ia McIlwaine, A. Neelameghan, Michèle Hudon, Christian Fluhr, Joan Mitchell, and Carol Bean; moderator, Rebecca Green) who addressed the general theme of the conference, Structures and Relations in Knowledge Organization. Each panelist was given a brief period in which to reflect on issues in one or more of three areas falling within the conference theme:

- (1) The role of hierarchical relationships in knowledge organization;
- (2) Relationships in multilingual, multicultural, and multidisciplinary contexts; and
- (3) Relationships in online retrieval.

Hjørland, Birger (1998). **The Classification of Psychology: A Case Study in the Classification of a Knowledge Field.**

*Knowledge Organization*, 25(4), 162-201. 115 refs.

**ABSTRACT:** Different approaches to the classification of a knowledge field include empiristic, rationalistic, historicist, and pragmatic methods. This paper demonstrates how these different methods have been applied to the classification of psychology. An etymological approach is insufficient to define the subject matter of psychology, because other terms can be used to describe the same domain. To define the subject matter of psychology from the point of view of its formal establishment as a science and academic discipline (in Leipzig, 1879) is also insufficient because this was done in specific historical circumstances, which narrowed the subject matter to physiological-related issues. In defining the subject area of a scientific field it is necessary to consider how different ontological and epistemological views have made their influences. A subject area and the approaches with which this subject area has been studied cannot be separated from each other without tracing their mutual historical interactions. A classification of a subject field is theory-laden and thus cannot be neutral or ahistorical. If classification research can claim to have a method that is more general than the study of the concrete developments in the single knowledge fields the key is to be found in the general epistemological theories. It is shown how basic epistemological assumptions have formed the different approaches to psychology during the 20th century. The progress in understanding of basic philosophical questions is decisive both for the development of a knowledge field and as the point of departure of classification. The theoretical principles developed in this paper are applied in a brief analysis of some concrete classification systems, including the one used by PsycINFO / Psychological Abstracts. The role of classification in modern information retrieval is also briefly discussed.

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Dr. Dagobert SOERGEL, College of Library and Information Services, Hornbake Bldg. (So. Wing), Room 4105, University of Maryland, College Park, MD 20742

Dr. Eduard R. SUKIASYAN, Chief Editor of the Library-Bibliographical Classification, Russian State Library, 3 Vozdvizhenka Str., Moscow, 101000 Russia

Dr. Elaine SVENONIUS, Graduate School of Education and Information Studies, UCLA, 5380 ½ Village Green, Los Angeles, CA 90016

Prof. Dr. Harald ZIMMERMANN, Softex, Schmollerstrasse 31, D-66111 Saarbrücken, Germany



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Phone: +49 (931) 280084; FAX +49 (931) 282872; E-mail:  
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## Editor-in-chief (Editorial office)

Mr. C. Gilreath, 217 NW 34<sup>th</sup> Drive, Gainesville, FL 32607  
USA; Phone +1 (352) 373-6891; Fax: +1 (352) 373-6924;  
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*Manuscripts* should be submitted in English only to the editor-in-chief in two double-spaced copies and should be accompanied by an indicative abstract of 100 to 200 words. After manuscripts are accepted for publication in *Knowledge Organization*, they must be provided on a 3.5" diskette encoded in Word, WordPerfect, or ASCII text. Our preference is Word 6.0 (or later). Diskettes should not be sent until requested by the editor.

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Graesser, A., Person, N. & Huber, J. (1992). Mechanisms that generate questions. In T. W. Lauer, E. Peacock, & A. C. Graesser (Eds.), *Questions and Information Systems*. Hillsdale, NJ: Lawrence Erlbaum Associates. 167-187.

Sager, J.C. (1990). *A Practical Course in Terminology Processing*. Amsterdam: John Benjamins.

Sukiasyan, E. R. (1996). Change as a problem of classification system development. In R. Green (Ed.), *Knowledge Organization and Change: Proceedings of the 4<sup>th</sup> International ISKO Conference*. Frankfurt: Indeks Verlag. 119-122.

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## Scope

The more scientific data are generated in the impetuous present times, the more ordering energy needs to be expended to control these data in a retrievable fashion. With the abundance of knowledge now available the questions of new solutions to the ordering problem and thus of improved classification systems, methods and procedures have acquired unforeseen significance. For many years now they have been in the focus of interest of information scientists the world over.

Until recently, the special literature relevant to classification was published in piecemeal fashion, scattered over the numerous technical journals serving the experts of the various fields such as

philosophy and science of science  
science policy and science organization  
mathematics, statistics and computer science  
library and information science  
archivistics and museology  
journalism and communication science  
industrial products and commodity science  
terminology, lexicography and linguistics

Beginning 1974, KNOWLEDGE ORGANIZATION (formerly INTERNATIONAL CLASSIFICATION) has been serving as a common platform for the discussion of both theoretical background questions and practical application problems in many areas of concern. In each issue experts from many countries comment on questions of an adequate structuring and construction of ordering systems and on the problems of their use in opening the information contents of new literature, of data collections and survey, of tabular works and of other objects of scientific interest. Their contributions have been concerned with

- (1) clarifying the theoretical foundations (general ordering theory/science theoretical bases of classification, data analysis and reduction)
- (2) describing practical operations connected with indexing/classification, as well as applications of classification systems and thesauri, manual and machine indexing
- (3) tracing the history of classification knowledge and methodology
- (4) discussing questions of education and training in classification
- (5) concerning themselves with the problems of terminology in general and with respect to special fields

## Aims

Thus, KNOWLEDGE ORGANIZATION is meant to be a programme for the improvement of classification methods and processes, a forum for discussion for all those interested in the organization of knowledge on a universal or a subject-field scale, using concept-analytical and/or concept-synthetical approaches as well as numerical procedures and comprising also the intellectual and automatic compilation and use of classification systems and thesauri in all fields of knowledge, with special attention being given to the problems of terminology.

KNOWLEDGE ORGANIZATION publishes original articles, reports on conferences and similar communications, the Newsletters of the International Society for Knowledge Organization (ISKO News) and the Committee on Classification Research of the International Federation for Information and Documentation (FID/CR News) as well as book reviews, letters to the editor, and an extensive annotated bibliography of recent classification and indexing literature, covering some 500 items in each issue.

KNOWLEDGE ORGANIZATION should therefore be available at every university and research library of every country, at every information center, at colleges and schools of library and information science, in the hands of everybody interested in the fields mentioned above and thus also at every office for updating information on any topic related to the problems of order in our information-flooded times.

KNOWLEDGE ORGANIZATION was founded in 1973 by an international group of scholars with a consulting board of editors representing the world's regions, the special classification fields, and the subject areas involved. From 1974-1980 it was published by K.G. Saur Verlag, München. Back issues of 1978-1992 are available from ERGON-Verlag, too. (The 14 volumes of 1978-1992 are offered now at the highly reduced price of DM 200,-)

As of 1989, KNOWLEDGE ORGANIZATION has become the official organ of the INTERNATIONAL SOCIETY FOR KNOWLEDGE ORGANIZATION (ISKO) and is included for every ISKO-member, personal or institutional in the membership fee (US \$ 50/US \$ 100).

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