

# Knowledge Organization

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# KNOWLEDGE ORGANIZATION

# KO

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Montesi, Michela, and Blanca Gil Urdiciain. **Recent Linguistic Research into Author Abstracts: Its Value for Information Science.** *Knowledge Organization*, 32(2). 64-78. 66 refs.

**ABSTRACT:** This paper is a review of genre analysis of author abstracts carried out in the area of English for Special Purposes (ESP) since 1990. Given the descriptive character of such analysis, it can be valuable for Information Science (IS), as it provides a picture of the variation in author abstracts, depending on the discipline, culture and language of the author, and the envisaged context. The authors claim that such knowledge can be useful for information professionals who need to revise author abstracts, or use them for other activities in the organization of knowledge, such as subject analysis and control of vocabulary. With this purpose in mind, we summarize various findings of ESP research. We describe how abstracts vary in structure, content and discourse, and how linguists explain such variations. Other factors taken into account are the stylistic and discursive features of the abstract, lexical choices, and the possible sources of bias. In conclusion, we show how such findings can have practical and theoretical implications for IS.

Tennis, Joseph T. **Experientialist Epistemology and Classification Theory: Embodied and Dimensional Classification.** *Knowledge Organization*, 32(2). 79-92. 28 refs.

**ABSTRACT:** What theoretical framework can help in building, maintaining and evaluating networked knowledge organization resources? Specifically, what theoretical framework makes sense of the semantic prowess of ontologies and peer-to-peer systems, and by extension aids in their building, maintenance, and evaluation? I posit that a theoretical work that weds both formal and associative (structural and interpretive) aspects of knowledge organization systems provides that framework. Here I lay out the terms and the intellectual constructs that serve as the foundation for investigative work into experientialist classification theory, a theoretical framework of embodied, infrastructural, and reified knowledge organization. I build on the interpretive work of scholars in information studies, cognitive semantics, sociology, and science studies. With the terms and the framework in place, I then outline classification theory's critiques of classificatory structures. In order to address these critiques with an experientialist approach an experientialist semantics is offered as a design commitment for an example: metadata in peer-to-peer network knowledge organization structures.

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*Manuscripts* should be submitted electronically (in Word, Wordperfect, or RTF format) in English only to the editor-in-chief and should be accompanied by an indicative abstract of 100 or 200 words. Submissions via email are preferred; submissions will also be accepted via post provided that submissions are accompanied by a 3.5" diskette encoded in Word, Wordperfect, or RTF format.

A separate title page should include the article title and the author's name, postal address, and E-mail address, if available. Only the title of the article should appear on the first page of the text. To protect anonymity, the author's name *should not* appear on the manuscript, and all references in the body of the text and in footnotes that might identify the author to the reviewer should be removed and cited on a separate page. Articles that do not conform to these specifications will be returned to authors.

*Criteria for acceptance* will be appropriateness to the field of the journal (see Scope and Aims), taking into account the merit of the contents and presentation. The manuscript should be concise and should conform as much as possible to professional standards of English usage and grammar. Manuscripts are received with the understanding that they have not been previously published, are not being submitted for publication elsewhere, and that if the work received official sponsorship, it has been duly released for publication. Submissions are refereed, and authors will usually be notified within 6 to 10 weeks. Unless specifically requested, manuscripts and illustrations will not be returned.

The text should be structured by numbered subheadings. It should contain an *Introduction*, giving an overview and stating the purpose, a *main body*, describing in sufficient detail the materials or methods used and the results or systems developed, and a *conclusion* or *summary*.

*Reference citations within the text* should have the following form: (author year). For example, (Jones 1990). Specific page numbers are optional, but preferred when applicable, e.g. (Jones 1990, 100). A citation with two authors would read (Jones & Smith, 1990); three or more authors would be: (Jones et al., 1990). When the author is mentioned in the text, only the date and optional page number should appear in parenthesis – e.g. According to Jones (1990), ...

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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 is 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 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 in 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 a forum for all those interested in the organization of knowledge on a universal or a domain-specific scale, using concept-analytical or concept-synthetical approaches, as well as quantitative and qualitative methodologies. KNOWLEDGE ORGANIZATION also addresses 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.

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 \$ 55/US \$ 110).

*Rates:* From 2004 on for 4 issues/ann. (including indexes) € 106,00 (forwarding costs included). Membership rates see above.

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# Ninth International ISKO Conference

## Call for papers

The International Society for Knowledge Organization (ISKO) will hold its 9<sup>th</sup> International Conference in Vienna, Austria, July 4<sup>th</sup>-7<sup>th</sup>, 2006. The conference will be hosted by the Center for Translation Studies and the Institute for Educational Sciences at the University of Vienna. The theme of the conference is: "Knowledge Organization for a Global Learning Society." Papers addressing all aspects of Knowledge Organization research and practice will be welcomed. Particular themes identified include the following, but these should not be considered definitive and any related aspects are welcomed:

- Information Systems and Learning in a Global Society: Concepts, Design and Implementation
- Global Society and Learning in Theories of Knowledge and Knowledge Organization
- Linguistic and Cultural approaches to Knowledge Organization in a Global Learning Society
- Information Policies and Social Governance
- Knowledge Organization in Corporate Learning Systems
- Representations of Educational and Didactical Knowledge
- Knowledge Organization for non-print and Multimedia Information
- Ontologies and Fundamentals for Knowledge Ordering
- Users and uses of Knowledge Organization
- Theoretical basis of Knowledge Organization: universal versus local solutions
- Multilingual problems of information retrieval

Professionals and researchers involved in knowledge organization are invited to submit abstracts (between 500 and 1500 words) by November 4<sup>th</sup>, 2005 (contact information below). Abstracts should reflect the theme of the conference. Submissions for workshops, sessions and posters are also invited. These should also be submitted by November 4<sup>th</sup>, 2005.

An international programme committee will review the abstracts, and authors will be notified of decisions by November 29<sup>th</sup> 2005. The deadline for submission of papers for the printed conference proceedings will be January, 20<sup>th</sup> 2006. All abstracts should be submitted through the submission form at <http://isko.univie.ac.at/> by November 4<sup>th</sup>, 2005. Late submissions require special permission by the conference board.

### Venue of the conference:

Center for Translation Studies, Gymnasiumstr. 50, A-1190 Vienna

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**Programme chair:** Prof. Dr. Christian Swertz

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