

SIGIR '89 - CALL FOR PAPERS
12th INTERNATIONAL CONFERENCE ON
RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEVAL

Cambridge, Massachusetts - June 25 - 28, 1989

Sponsored by ACM SIGIR In cooperation with: AICA - GLIR (Italy) BCS - IRG (United Kingdom)
GI (Federal Republic of Germany) INRIA (France)

Information Retrieval

Information retrieval is one of the most exciting areas of research and development in the computer and information sciences today. Research in this field is becoming increasingly important in areas as diverse as hypertext, natural language processing, knowledge representation, expert systems, database and multi-media object management systems, software engineering and office information systems. Similarly, techniques developed in these and other areas have strong impact on work in information retrieval, even in its traditional applications in document and text retrieval systems. The Annual ACM SIGIR Conference is the premier forum for presentation and discussion of current research in this multidisciplinary area. The 12th Annual Conference will focus especially on the relationships between information retrieval and other fields. The technical program will consist of contributed research papers and panel presentations. In addition, there will be a program of tutorials on Sunday 25 June.

TOPICS FOR SIGIR '89

- Original research papers and panel proposals are solicited on topics including, but not limited to the following:
- Information Retrieval Theory and Models (e.g., Retrieval models, Evaluation, Document and query representation)
 - Artificial Intelligence and Information Retrieval (e.g., Knowledge representation, Natural language processing)
 - Interface Issues (e.g., User modelling, Human-computer interaction, Intelligent interfaces)
 - Hypertext and Multimedia Systems (e.g., Automatic construction of links, Search and navigation)
 - Applications (e.g., Software reuse, Office information systems, Case-based retrieval)
 - Implementation issues (e.g., Parallel processing, File organization, Text searching hardware, Optical storage)

INSTRUCTIONS FOR CONTRIBUTORS

Contributed Papers

Persons wishing to contribute original research papers should send four copies of either: a ten to twelve page (double-spaced) extended abstract; or, a twenty page full paper, to the appropriate program chair, as indicated below. Papers will be published in the conference proceedings, and authors will be required to sign an ACM copyright release form.

Panel Presentations

Suggestions for panels should consist of descriptions of the topic to be covered, the names of proposed speakers and moderator, brief abstracts of the proposed presentations, and the desired length of time for the panel. Four copies of proposals, of no more than three pages, should be sent to the appropriate program chair. Proposals are due 14 December 1988. Email may be used for panel proposals, but must be backed up by hard copy.

Tutorials

Proposals for tutorials should consist of the topic to be discussed, the name(s) and brief biographies of the presenter(s), and an outline of the tutorial. Four copies of proposals, of no more than three pages, are due 16 January 1989. Email may be used for tutorial proposals, but backed up by hard copy. Proposals should be sent to the tutorial chair: Paul Gandel, AT&T Bell Laboratories, Room 2J-501, Holmdel NJ 07733, ihnp4!hoqam!pgb

IMPORTANT DATES

14 December 1988 Papers and panel proposals due to Program Chairs
16 January 1989 Tutorial proposals due to Tutorial Chair
17 February 1989 Authors informed of acceptance of papers and proposals
20 March 1989 Final versions of papers due

Program Chairs

Americas & Asia: Prof. N.J. Belkin, 4 Huntington Street, School of Comm., Information & Library Studies, Rutgers Univ., New Brunswick, NJ 08903, USA, njb@flash.bellcore.com (internet), belkin@zodiac (bitnet)
Europe, Africa, & Australia: Prof. C.J. van Rijsbergen, Department of Computing Science, Glasgow University, Lilybank Gardens, Glasgow G12 8QQ, Scotland, cjvr@cs.glasgow.ac.uk

Program Committee

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Invitation to Submit Papers

Special Issue of

Communication Research:

Bibliometric Methods for the Study of Scholarly Communication

Communication Research guest editors:

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Dates:

Manuscripts due:	November 1, 1988
Notification of acceptance:	January 15, 1989
Revised manuscripts due:	February 15, 1989
Publication:	Fall 1989

We invite papers for this special issue that utilize bibliometric methods to address innovative questions in scholarly communication and also theoretical papers that evaluate bibliometric methods and their application.

Scholarly communication is a rich area of study that includes the formal and informal channels through which scholars perform their work, the purposes of communication, the social and cognitive context in which communication takes place, and the policy implications of that communication. It is an area of study that flourished in the 1960s with our interest in the vitality of disciplines. It is now seeing a resurgence in the areas of the social context of communication, network analysis, and policy issues related to international competitiveness and technology transfer.

Bibliometrics, or the quantification of bibliographic data, is a set of methods central to the study of formal communication channels. Thousands of bibliometric studies have been performed using various citation and cocitation techniques, pursuing research questions that range from the mapping of scientific disciplines to verification of behavioral models, and providing both immediate evaluations and longitudinal analyses. Bibliometric methods have been hailed as providing insights to scholarly communication never before possible, and they have been dismissed as meaningless artifacts whose validity cannot be confirmed.

Bibliometric methods coexist with the other unobtrusive measures and with measures that establish a degree of context for communication, including user studies that consider the value of information for individual needs, network methods that map social and other relationships, and anthropological studies of laboratory behavior. Although a significant portion of scholarly communication research is performed by those who are allied with the disciplines of communication and information science, much research is done in related social and behavioral fields or in the fields that are themselves under study. The pattern repeats the founding of communication research as a discipline, which brought together scholars from various disciplines bound together by their interest in communication as a variable.

The purpose of this special issue is to bring together scholars from multiple disciplines bound by a common interest in scholarly communication to address the state of the art and the role that bibliometrics can and should play. Among the questions we hope to see addressed are these: What contributions have bibliometric methods made to the study of scholarly communication in the past and what role should or will they play in the future? What is the relationship among the different methods currently being applied to the study of scholarly communication? Can these methods be brought together in a common paradigm? Should they be brought together?

CALL FOR PAPERS

Second International Conference on Bibliometrics, Scientometrics and Informetrics

University of Western Ontario, London, Ontario, Canada, July 5-7, 1989

The purpose of this conference is to encourage the scholarly and scientific interaction in the broad domain of bibliometrics, scientometrics, and informetrics.

Papers are invited on the following topics:

Statistical and mathematical methods such as rank theory, non-Gaussian theory, stochastic models.

Classical bibliometric laws.

Citation analysis and network theory.

Obsolescence.

Circulation models.

Application of bibliometric and scientometric models.

Use of databases for bibliometric studies.

Quantitative aspects of science policy.

Applications in developing countries.

Submit three copies of complete paper to Program Chair:

Prof. M.J. Nelson

School of Library and Information Science

Elborn College

University of Western Ontario,

London, Ontario, CANADA N6G 1H1

Phone: (519) 661-3542

mjnelson@uwovax.Bitnet

Since papers will be submitted to *Information Processing & Management* for publication in a special issue please use author guidelines from that journal.

IMPORTANT DATES:

Submission of full paper	February 1, 1989
Acceptance notification	April 1, 1989
Conference	July 5-7, 1989

PROGRAM Committee:

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