CALL FOR PAPERS

SPIRE 2008

Fifteenth International Symposium on
String Processing and Information Retrieval

November 10–12 2008

Melbourne, Australia

`http://spire2008.csse.unimelb.edu.au`

Introduction   SPIRE 2008 is the fifteenth incarnation of the International Symposium on String Processing and Information Retrieval, which began in 1993 as the South American Workshop on String Processing, and has grown to become an international venue for discussion and presentation of research in these areas. Recently the conference has been held in Santiago (Chile), Glasgow (Scotland), Buenos Aires (Argentina), and Padova (Italy). The proceedings of SPIRE are published by Springer in the Lecture Notes in Computer Science Series.

Location   The 2008 SPIRE symposium will be held in the Docklands precinct of the city of Melbourne, Australia. Melbourne is renowned for its great events, its passion for food and wine, and its fabulous arts scene; and all of these come together in the newly redeveloped Docklands area. November is late springtime in Melbourne, and a great time to visit Australia more generally. For further information, see `http://www.visitmelbourne.com`.

Topics of Interest   SPIRE 2008 covers research in all aspects of string processing, information retrieval, computational biology, pattern matching, semi-structured data, and related applications. Typical topics of interest include (but are not limited to) the following.

- **String Processing**: dictionary algorithms, text searching, pattern matching, text and sequence compression, text mining, natural language processing, and automata based string processing.

- **Information Retrieval (IR)**: IR modeling, evaluation, indexing, ranking and filtering, interface design, visualization, cross-lingual IR systems, multimedia IR, digital libraries, collaborative retrieval, and Web related applications.

- **Interaction of biology and computation**: DNA sequencing and applications in molecular biology, evolution and phylogenetics, recognition of genes and regulatory elements, and sequence driven protein structure prediction.

- **Information Retrieval languages and applications**: XML, semi-structured data retrieval, text mining, and generation of structured data from text.

Important Dates

Deadline for submissions	19 May 2008
Notification	23 June 2008
Camera ready version due	2 July 2008
Symposium commences	10 November 2008

Paper Submission   The conference encourages the submission of high quality research papers that have not been previously published and are not concurrently under review for another conference or journal.

Submissions will be reviewed by at least three members of the program committee on the basis of the originality of the research presented, the quality of the theoretical contribution made by the research, the validity and robustness of the methodology chosen, the significance of the results presented, and the overall contribution to our understanding of their context.

Papers should not exceed twelve (12) pages including references, figures, and tables. They must be formatted according to the LNCS guidelines and submitted electronically as PDF files via the conference web site, `http://spire08.csse.unimelb.edu.au`.

Submission of short papers of six (6) pages focussing on a single concept, or on work that is not yet complete, is also permitted. Short papers will be reviewed in the same manner as full papers, but will be delivered at the conference in abbreviated presentations.

Conference Organization

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Alistair Moffat (University of Melbourne)

Program Committee Chairs
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Andrew Turpin (RMIT University, Australia)

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