

FINAL CALL FOR PAPERS

SPIRE 2007 - String Processing and Information Retrieval

October 29-31, 2007, Santiago, Chile

Introduction

SPIRE 2007 is a Symposium on String Processing and Information Retrieval in its fourteenth edition. *SPIRE* has its origins in the South American Workshop on String Processing which was first held in Belo Horizonte (Brazil, 1993). Starting in 1998, the focus of the workshop was broadened to include *information retrieval* due to its increasing relevance and its inter-relationship with the area of string processing. In addition, since 2000, the conference venue has been in Europe in even years. The last conferences have been in Padova (Italy), Buenos Aires (Argentina), and Glasgow (UK). As in past editions, the proceedings of *SPIRE 2007* will be published by Springer in the Lecture Notes in Computer Science series.

Symposium Site

The symposium will be organized by the Center for Web Research of the Dept. of Computer Science of the University of Chile in downtown Santiago. Santiago, the capital of Chile, is an energetic city in the Maipo valley and the foothills of the Andes mountains, with the Mapocho River crossing it from east to west. The most remarkable thing about Santiago, with its 5 million inhabitants, is perhaps its diversity. It is a city with many faces, great and varied changes, a social and political landscape that sometimes takes us back to the colonial city it once was, and also well known for excellent seafood and wine. The Pacific ocean, vineyards or ski resorts are all at most 100kms away.

Topics

SPIRE 2007 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):

- *String Processing*: dictionary algorithms, text searching, pattern matching, text compression, text mining, natural language processing, and automata based string processing.
- *Information Retrieval (IR)*: IR modeling, 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.

Conference Chair

Ricardo Baeza-Yates
Yahoo! Research, Spain & Chile
CWR/DCC, Univ. of Chile

Program Committee Chair

Nivio Ziviani
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Organizing Committee

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Important Dates

Paper submission: April 23, 2007
Authors notification: June 18, 2007
Camera ready: July 8, 2007

More Information

Please visit the website of *SPIRE 2007*:

<http://www.cwr.cl/spire2007/>

Or send an email to:

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