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

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<th>Event</th>
<th>Date</th>
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<tr>
<td>Deadline for submissions</td>
<td>19 May 2008</td>
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<tr>
<td>Notification</td>
<td>23 June 2008</td>
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<td>Camera ready version due</td>
<td>2 July 2008</td>
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<td>Symposium commences</td>
<td>10 November 2008</td>
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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

Conference Chair
Alistair Moffat (University of Melbourne)

Program Committee Chairs
Amihood Amir (Bar-Ilan University, Israel)
Andrew Turpin (RMIT University, Australia)

Organizing Committee
Justin Zobel (NICTA, Australia)
Shane Culpepper (University of Melbourne)
Simon Puglisi (RMIT University, Australia)
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Edward Fox (Virginia Tech, USA)
Ely Porat (Bar Ilan University, Israel)
Esko Ukkonen (University of Helsinki, Finland)
Fabrizio Silvestri (CNR, Italy)
Falk Scholer (RMIT University, Australia)
Gary Benson (Boston University, USA)
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Gonzalo Navarro (University of Chile, Chile)
Heejin Park (Hanyang University, Korea)
Igor Nor (University of Bristol, England)
Jan Holub (Czech Technical University, Czech Republic)
Kunihiro Sadakane (Kyushu University, Japan)
Kunsoo Park (Seoul National University, Korea)
Laurent Mouchard (University of Rouen, France)
Massimo Melucci (University of Padua, Italy)
Mathieu Raffinot (CNRS, France)
Mike Atallah (Purdue University, USA)
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Noa Lewenstein (Netanya College, Israel)
Paolo Ferragina (University of Pisa, Italy)
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