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# NEWS FROM LATIN AMERICA

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BY

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In this issue I present LATINCRYPT 2010, SPIRE 2010, LAGOS'11 and LSFA 10.

At the end I present a list of the main events in Theoretical Computer Science to be held in Latin America in the following months.

## **LATINCRYPT 2010**

The first international conference on cryptology and Information security, Latin-Crypt 2010, will be held at the Baroque Hall located inside the Carolino Building in Puebla, Mexico from August 8 to August 11, 2010. The Program Committee co-chairs are Michel Abdalla (France) and Paulo S. L. M. Barreto (Brazil) while the General chair is Francisco Rodríguez-Henríquez (Mexico).

There have been 19 accepted papers from researched based on 14 different countries. For registration and more information, you may visit the web page of the conference at <http://cti.cs.buap.mx/latin/>.

## **SPIRE 2010 (by Edgar Chavez)**

SPIRE 2010 is the 17th edition of the Symposium on String Processing and Information Retrieval and will be held from October 11 to October 13, 2010 at Los

Cabos, Mexico. The event has been held under this title annually since 1998. The four first events concentrated mainly on string processing (SP) and were held in South America under the title South American Workshop on String Processing (WSP) in 1993, 1995, 1996, and 1997. WSP was transformed into SPIRE in 1998 when the scope of the event was broadened to include also information retrieval (IR). The change was motivated by the increasing relevance of information retrieval and its close inter-relationship with the general area of string processing. As in the past, the proceedings will be published by Springer Verlag in the Lecture Notes in Computer Science series.

The 2010 edition features two invited talks Mark Najork (Microsoft Research) about "Mining the web graph" and Gonzalo Navarro (U. Chile, Chile) about "Compact Data Structures for IR: The Time Has Come". For more information you may visit <http://spire2010.natix.org/>

## **LAGOS'11**

LAGOS (Latin-American Algorithms, Graphs and Optimization Symposium), is the union of two Latin American Conferences on these subjects: GRACO (Brazilian Symposium on Graphs, Algorithms and Combinatorics) and LACGA (Latin American Conference on Combinatorics, Graphs and Applications). It will be held at Bariloche, Argentina from April 4 to April 8, 2011.

The previous editions were held in Fortaleza, Brazil (2001), Santiago, Chile (2004), Angra dos Reis, Brazil (2005), Puerto Varas, Chile (2007), and Gramado, Brazil (2009). The proceedings of the accepted papers were published in Electronic Notes in Discrete Mathematics, and special editions of Discrete Applied Mathematics were dedicated to refereed full papers from these events. This edition celebrates the 30 years from the publication of M. Grötschel, L. Lovász, and A. Schrijver "The Ellipsoid Method and its Consequences in Combinatorial Optimization" fundamental article. For more information you may visit <http://www-2.dc.uba.ar/lagos2011/>.

## **LSFA 2010**

LSFA 2010 (Workshop on Logical and Semantic Frameworks, with Applications) will be held on August 31, 2010 at Natal Brazil, as a satellite event of ICTAC 2010 (International Colloquium on Theoretical Aspects of Computing). Logical and semantic frameworks are formal languages used to represent logics, languages and systems. These frameworks provide foundations for formal specification of systems and programming languages, supporting tool development and reasoning. The objective of this one-day workshop is to put together theoreticians and practitioners to promote new techniques and results, from the theoretical side, and

feedback on the implementation and use of such techniques and results, from the practical side.

LSFA10 aims to be a forum for presenting and discussing work in progress, and therefore to provide feedback to authors on their preliminary research. Submissions to the workshop will in the form of full papers. The proceedings are produced only after the meeting, so that authors can incorporate this feedback in the published papers.

You may visit <http://www.tecmf.inf.puc-rio.br/LSFA>, for more information about the event.

## **Regional Events**

- June 6 - 9, 2010, Buenos Aires, Argentina: ALIO-INFORMS Joint International Meeting.  
<http://meetings.informs.org/BuenosAires2010/>.
- August 8 - 11, 2010, Puebla, Mexico: LATINCRYPT 2010 (International Conference on Cryptology and Information Security).  
<http://cti.cs.buap.mx/latin/>.
- August 31, 2010, Natal, Brazil: LSFA (Workshop on Logical and Semantic Frameworks, with Applications).  
<http://www.tecmf.inf.puc-rio.br/LSFA>.
- September 1 - 3, 2010, Natal, Brazil: ICTAC 2010 (7th International Colloquium on Theoretical Aspects of Computing).  
<http://www.iist.unu.edu/ICTAC/ictac2010/>.
- October 11 - 13, 2010, Los Cabos, Mexico: SPIRE 2010 (Symposium on String Processing and Information Retrieval).  
<http://spire2010.natix.org/>.
- April 4 - April 11, 2011, Bariloche, Argentina: LAGOS'11 (Latin-American Algorithms, Graphs and Optimization Symposium).  
<http://www-2.dc.uba.ar/lagos2011/>.