News from Latin America

BY

Alfredo Viola

Instituto de Computación, Facultad de Ingeniería
Universidad de la República
Casilla de Correo 16120, Distrito 6, Montevideo, Uruguay
viola@fing.edu.uy

In this issue I present the first Call for Papers for LATIN 2012, an open call for a tenure track position at UNAM (Mexico), and a report of the Latin American Conference of the History of Computer Science by Jorge Vidart.

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.

LATIN 2012: First Call for Papers.

A series of Symposia in Theoretical Computer Science was launched in 1992, to be held in Latin America: LATIN (Latin American Theoretical INformatics). This is the tenth event of the series, and will take place on April 16 - 20, 2012 in Arequipa Perú.

Submission of papers in all areas of theoretical computer science is hereby solicited, including (but not limited to): algorithms (approximation, online, randomized, algorithmic game theory, etc.), automata theory and formal languages, coding theory and data compression, combinatorics and graph theory, complexity theory, computational algebra, computational biology, computational geometry, computational number theory, databases and information retrieval, data structures, Internet and the web, machine learning, mathematical programming, parallel and

distributed computing, pattern matching, quantum computing, random structures, scientific computing.

Proceedings containing the accepted extended abstracts will be published by Springer-Verlag, in the Lecture Notes in Computer Science (LNCS) series. The submission deadline is September 23, 2011.

The confirmed Invited Speakers are Scott Aaronson (Massachusetts Institute of Technology), Luc Devroye (McGill University), Marcos Kiwi (Universidad de Chile), Kirk Pruhs (University of Pittsburg), and Dana Randall (Georgia Institute of Technology).

More information can be found at `http://latin2012.cs.iastate.edu/`.

Tenure Track Faculty Position at UNAM (Mexico)

The Instituto de MatemÃąticas (IM) of the Universidad Nacional AutÃşnoma de MÃľxico (UNAM) in Mexico City, invites applications for a tenure-track position in all areas of Theoretical Computer Science. Quality is our key criterion for application selection. Applicants should have strong commitment both to research and teaching, and postdoctoral experience, or an outstanding record of research for their level of seniority.

UNAM is considered the capstone of research and high education in Latin-america, and the IM in particular is one of the prime mathematical research centers. It is located in a quiet and beautiful campus, in the south, intellectual part of Mexico City.

For more information and to apply for the position please contact Sergio Rajsbaum (sacademico@math.unam.mx).

Latin American Conference of the History of Computer Science (by Jorge Vidart)

The evolution of Theoretical Computer Science and its impact on information technologies and communications (ITC) in Latin America and the Caribbean (LAC) has been a prolific process, full of interesting facts and ideas for the last 50 years. The state of the art in our region has reached such a level that we think it is time to carry out an analysis of its origins and events.

For this reason, we organized the First Symposium of the History of Computer Science in Latin America and the Caribbean (SHIALC, http://www.clei2010.org.py) on October 2010. The main objective was to help consolidate the development of computer science in our region and document experiences that can be used in future projects. This first edition of the SHIALC was held as a satellite activity of the XXXVI Latin American Computer Science Conference, organized by Center

for Latin American Studies in Computer Science and hosted by the Polytechnic Faculty of the National University of AsuncioÂť'n del Paraguay, which had 1,040 attendees. As a result, the SHIALC presentations had dozens of attendees who are interested in the history of this discipline in the region. CLEI consists of the Computer Science Departments of leading universities of the region and its annual conference has allowed them to collaborate with many other smaller universities. Over the course of its 36 conferences, it has been hosted by almost all the countries of South America as well as some of Central America, Mexico, and Spain.

The call for papers for the first SHIALC asked for two types of contributions:

- Research papers presenting different dimensions of the computer history in LAC. These papers were to contain a structure, development, and argumentation based on documentary sources, references, discussion of related works, and so forth.

- Written testimonies or statements about personal or group experiences of direct witnesses of events relevant to the history of computing in LAC.

Given the success of SHIALC 2010, the CLEI Board of Directors the has decided to organize the SHIALC 2012 and expects to repeat this event every two years.

Regional Events

- October 10 - October 14 2011, Quito, Ecuador: Latin American Symposium on Theoretical Informatics.

  `http://www.clei2011.ec/index.php?page=simposios`.

- October 16 - October 20, 2011, Paraty, Brazil: ITW 2011 (IEEE Information Theory Workshop).

  `http://www.fee.unicamp.br/itw2011/`.

- November 21 - November 23, 2011, Santiago, Chile: AUTOMATA 2011 (17th International Workshop on Cellular Automata and Discrete Complex Systems).

  `http://www.automata2011.dim.uchile.cl/`.

- April 16 - April 20, 2012: Arequipa Perú: LATIN 2012 (Latin American Theoretical Informatics).

  `http://latin2012.cs.iastate.edu/`.