

SIROCCO 2010

Call for Papers

Seventeenth International Colloquium on Structural Information and Communication Complexity

June 7–11, Şirince, Turkey

<http://www.sirocco2010.boun.edu.tr/>

Program Committee

Amotz Bar-Noy *CUNY*
Joffroy Beauquier *U. Paris-Sud, LRI*
Andrea Clementi *U. Roma*
Tınaz Ekim *Boğaziçi U.*
Robert Elsässer *U. Paderborn*
Pinar Heggenes *U. Bergen*
Elias Koutsoupias *U. Athens*
Alex Kesselman *Google*
Thomas Moscibroda *Microsoft*
Dariusz Kowalski *U. Liverpool*
Boaz Patt-Shamir (Chair) *Tel Aviv U.*
Thomas Sauerwald *SFU & PIMS*
Maria Serna *U. Pol. Catalunya*
Peter Widmayer *ETH*

Steering Committee

Pascal Felber *U. Neuchâtel*
Paola Flocchini *U. Ottawa*
Pierre Fraigniaud (Chair) *CNRS*
Lefteris Kirousis *U. Patras*
Rastislav Kralovic *Comenius U.*
Evangelos Kranakis *Carleton U.*
Danny Krizanc *Wesleyan U.*
Shay Kutten *Technion*
Bernard Mans *Macquarie U.*
David Peleg *Weizmann*
Giuseppe Prencipe *Pisa U.*
Nicola Santoro *Carleton U.*
Alex Shvartsman *U. Connecticut*
Pavlos Spirakis *CTI & U. Patras*
Shmuel Zaks *Technion*
Janez Žerovnik *U. Ljubljana*

Local Arrangements

Tınaz Ekim *Boğaziçi U.*

Publicity Chair

David Ilcinkas *CNRS & U. Bordeaux*

Theme. SIROCCO is devoted to the study of communication and knowledge in multi-processor systems from both the qualitative and quantitative viewpoints. Special emphasis is given to innovative approaches and fundamental understanding, in addition to efforts to optimize current designs.

Conference. SIROCCO has a tradition of interesting and productive scientific meetings in a relaxed and pleasant atmosphere, attracting leading researchers in a variety of fields in which communication and knowledge play a significant role. This year, SIROCCO is held in Turkey, in the Nesin Mathematics Village, located in the midst of a beautiful scenery, close to the sea and to the ancient city of Ephesus.

Scope. Original papers are solicited from all areas of study of local structural knowledge and global communication and computational complexities. Among the typical areas are distributed computing, communication networks, game theory, parallel computing, social networks, mobile computing (including autonomous robots), peer to peer systems, and communication complexity. Keeping with the tradition of SIROCCO, new areas are always welcome.

SIROCCO Award. The Prize for Innovation In Distributed Computing is awarded annually in the SIROCCO conference to recognize individuals whose research contributions had a major impact on the understanding of the relationships between information and efficiency in decentralized computing. Only authors of papers that were published in SIROCCO are eligible to receive the award. More details are available in the SIROCCO 2010 web site.

Submission. Papers are to be submitted electronically, following the guidelines available on the conference web page. The deadline for submitting a paper is **January 31, 5pm CET**. Notification of acceptance will be sent out by March 21, and the camera-ready papers are due on April 4.

Publication. The proceedings of SIROCCO 2010 will be published by Springer-Verlag as a part of the LNCS series. Selected papers will be invited to a special issue of the journal *Theoretical Computer Science*.

