

SIROCCO 2009

May 25-27, 2009, Piran, Slovenia

<http://www.imfm.si/sirocco09/>

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Conference: SIROCCO is devoted to the study of the interplay and trade-offs between the efficiency of algorithms and systems and the availability of information. This basic issue is common to many fields of multi party systems.

SIROCCO has a tradition of interesting and productive scientific meetings in a relaxed and pleasant atmosphere, attracting leading researchers in a variety of fields which exhibit such interplay. This year, SIROCCO is held in Piran, a beautiful, medieval, Slovenian town at the tip of a peninsula on the Adriatic sea.

Scope: Original papers are solicited from all those areas where an interplay takes place between local structural knowledge and global communication and computational complexities. A partial list of such areas includes (but is not limited to) distributed computing, parallel computing, game theory, social networks, networking (including areas from ad hoc and sensor networks to high-speed networks), mobile computing (including autonomous robots), peer to peer systems, communication complexity, etc.

Topics of interest: include (but are not limited to): distributed algorithms, parallel algorithms, protocols, analysis and design of complex networks, social networks, games, graph representations, compact data structures, and labeling schemes, combinatorics and optimization applications, etc., such that the paper sheds light on the interplay between knowledge, computing, and communication, i.e., on those factors which are significant for the computability and the communication complexity of problems.

Submission and Important Dates: Submitted papers must be written in English, use 11 point font, have reasonable margins, and not exceed 11 pages, including everything. (See details in <http://www.imfm.si/sirocco09/>.) Papers submitted must contain results that have not appeared previously, and have not been concurrently submitted to any other conference with published proceedings.

Paper registration online: **January 25, 2009**

Submission deadline: **February 1, 2009**

Author notification: **March 24, 2009**

Camera-ready submission: **April 30, 2009**

The formal proceedings will be published as a volume in the Springer Lecture Notes in Computer Science series. Authors of accepted papers are required to submit the final, camera-ready versions of their papers after the Conference in LNCS format: <http://www.springer.de/comp/lncs/authors.html>. Each participant will receive a copy of the final proceedings.