

La Conférence Internationale "Conference on Algebraic Informatics" aura lieu à Porquerolles (Centre IGESA) du 3 au 6 Septembre 2013. Le site de la conférence se trouve [ici](#) .

Voici le premier appel à Communication :

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Preliminary Call for Papers

5rd International Conference on Algebraic Informatics (CAI 2013)

<http://iml.univ-mrs.fr/ati/conferences/CAI2013>

September 3 - 6, 2013

Porquerolles Island

Aix-Marseille University, France

CAI 2013 will include a highly selective single-track program for papers describing original and unpublished research advancing the state of the art in the field.

Authors are invited to submit papers (in PDF format) presenting original research work, electronically to

cai2013@acrypta.fr

All submissions should be formatted according to the usual LNCS article style (<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>) and should not exceed 12 pages. Simultaneous submissions to other conferences with published proceedings is not allowed.

IMPORTANT DATES:

Submission Due: 1 March 2013

Notification: 25 April 2013

Proceedings Version Due: 14 May 2013

PROCEEDINGS:

The Proceedings of CAI 2013 will be published in the Lecture Notes in Computer Science Series (LNCS) by Springer.

Authors of accepted papers will be invited to provide a final version of their paper formatted with the lncs.cls class file

(<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>).

TOPICS:

(including but not limited to the following topics of interest):

algebraic specifications and algorithms,
algebraic coding theory,
algebraic aspects of cryptography,
Computational Number Theory,
formal power series,
algebraic semantics,
finite and infinite computations,
algebraic characterization of logical theories,
process algebra,
program construction and refinements,
acceptors and transducers for discrete structures,
decision problems,
term rewriting,
abstract machines or systems,
hybrid Automata composition.

Papers describing original R&D solutions in the field are also welcome.