

# Workshop on Algebraic and Combinatorial Methods in Signal and Pattern Analysis

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## The Goal of the Workshop

Signal processing has greatly changed during the last decades, particularly due to steadily increasing processing power, data density -("Big Data")- and demands of online processing. These are new challenges for Signal Processing and Pattern Analysis understood as comprising methods of analyzing, manipulating and presenting natural information.

Information may emerge from measurements on physical devices, and it may appear in the form of pictures, patterns, texts, or structured subsystems. The increase in the structural complexity of measured information also allows the use of sophisticated algebraic and combinatorial models and calls for new methods and algorithms. These methods may also be useful in solving various tasks in other scientific areas such as System Design and Cybernetics.

## Extended Abstracts and Important Dates

An extended two pages abstract, including references, in English, indicating that the submission is for the workshop **Algebraic and Combinatorial Methods in Signal and Pattern Analysis** must be sent by e-mail to [eurocast@iuctc.ulpgc.es](mailto:eurocast@iuctc.ulpgc.es) until October 31, 2016.

For the extended abstract, you must follow instructions in Information for LNCS Authors (<http://www.springer.com/computer/lncs?SGWID=0-164-2-793341-0&changeHeader>)

The review process will be managed by the **Conference Chairs**, who will contact the authors to notify the result of the review process by December 1, 2016.

Accepted Extended Abstracts will be published in a pre-Conference volume with ISBN.

It is anticipated that the final selected full papers will be published in line with prior Eurocast meetings (Springer Lecture Notes in Computer Sciences No. 410, No. 585, No. 763, No. 1030, No. 1333, No. 1798, No. 2178, No. 2809, No. 3643, No. 4739, No. 5717, No. 6927, Nos. 6927-6928, Nos. 8111-8112 and No. 9520).

Selected full final papers for publication will be required before April 30, 2017.

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