Call for Papers
Discrete Applied Mathematics

Special Issue: Graph Spectra, Combinatorics, and Optimization, WGSCO 2018

_____

We are preparing a special issue of the journal *Discrete Applied Mathematics* related to the *Workshop on Graph Spectra, Combinatorics and Optimization* (WGSCO 2018) to be held in Aveiro, Portugal, 25 to 27, 2018. The main objective of the workshop is to encourage the exchange of knowledge and recent achievements, and to establish collaborations among researchers and practitioners working in the areas of graph theory, combinatorics, and optimization, with special attention to graph spectra. During the workshop we will honor our colleague and teacher, Professor Domingos M. Cardoso.

This special issue will be based on contributions presented at the workshop and consist of a selection of substantially extended papers related to its topics: algebraic combinatorics, algebraic graph theory, algorithms and computing techniques, combinatorial optimization, communications and control theory, enumerative combinatorics, extremal combinatorics, graph theory, graph spectra and applications, linear optimization, networks, and nonlinear optimization.

All interested researchers are invited to contribute to this special issue. Contributions arising from papers given at the workshop should cite the conference paper where appropriate. Submissions of contributions not presented at the workshop are also welcome.

All submissions will be thoroughly refereed according to the high standards of *Discrete Applied Mathematics*.

The full papers must be submitted through the Elsevier Editorial System (http://ees.elsevier.com/dam). When submitting your paper, be sure to specify that the paper is a contribution for the Special Issue related to the **Workshop on Graph Spectra, Combinatorics and Optimization, WGSCO 2018**, so that your paper is assigned to the guest editors. Please see the Author Instructions on the site if you have not yet submitted a paper through this web-based system. Be sure toselect the article type **SI: WGSCO 2018**.

 The deadline for submission is **May 31, 2018**.

Accepted papers will be published online individually, before print publication.

We are looking forward to receiving your contribution.

The Guest Editors,

Paula Carvalho, Sofia Pinheiro, and Tatiana Tchemisova