

## Call for Papers

Special Issue of *Soft Computing*

### **Multi-Criteria Decision Making: Advances in Theory and Applications**

**\*\*\*\*\* Submission Deadline: March 31, 2017\*\*\*\*\***

Soft Computing will publish a special issue dedicated to “Multiple Criteria Decision Making: Advances in Theory and Applications”. Multi-Criteria Decision Making (MCDM) has recently become a very fertile and popular branch of the Operational Research/Management Science discipline; in recent years, indeed, many alternative methodologies and paradigms have been developed in this field, with an ever increasing application to a very diverse set of problem scenarios. Given the proliferation of such approaches (and their variants), it is important to have a thorough understanding of their comparative value and usability in different contexts.

The aim of this special issue is to bring together high-quality papers addressing open issues in the field; a list of potential topics of interest is reported below:

- Decision rules and MCDM
- Fuzzy Set Theory and MCDM
- Group Decision Making in MCDM
- Historical and philosophical backgrounds of MCDM methods
- Integration of behavioural issues in MCDM
- Methodological foundations of AHP and ANP approaches
- Multi-objective optimization methods
- Outranking methods (ELECTRE, PROMETHEE, etc.)
- Preference modelling methods
- Innovative applications

In particular, contributions providing comparative and critical assessments of existing techniques are welcome.

Although this special issue is related to the 2016 edition of the International Symposium on the Analytic Hierarchy Process (ISAHP, that will be held in London from the 4<sup>th</sup> to the 7<sup>th</sup> of August 2016), this Call for Papers is also open to the entire community of academics and practitioners.

#### **Important Dates**

Manuscript submission due date: 31 March 2017

First notification (acceptance/revise/reject): 31 July 2017

Revised manuscript due (first round review): 31 October 2017

Second notification (acceptance/revise/reject): 31 December 2017

Camera-ready submission: 31 January 2018

Publication of the Special Issue: 31 March 2018

## **Submission procedure**

Papers submitted to this Special Issue for possible publication **MUST** be original and **MUST NOT** be under consideration for publication in any other journals. Submissions of both in-depth research papers and application-oriented papers are encouraged. To prepare their manuscripts, authors are asked to closely follow the Soft Computing “Guide for Authors”.

In order to submit their paper, authors have to login into the online submission system at: <http://soco.edmgr.com/> select as “*Article Type* **S.I.: MCDM\_T&A**” and select “*Section/Category*” as “**Methodologies & Application**”.

Questions about the Special Issue should be directed to Special Issue Guest Editors.

## **Guest Editors**

Prof. Giuseppe Bruno  
Università degli Studi di Napoli Federico II  
Department of Industrial Engineering  
Piazzale Tecchio, 80125 Napoli, Italy  
E-mail: [giubruno@unina.it](mailto:giubruno@unina.it)

Dr. Andrea Genovese (Corresponding Guest Editor)  
University of Sheffield  
Management School  
Conduit Road  
S10 1 FL  
Sheffield  
E-mail: [a.genovese@sheffield.ac.uk](mailto:a.genovese@sheffield.ac.uk)