Theoretical contributions and applications in multidimensional finance

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Dear readers,

The primary goal of this special issue is to publish papers presented in The International Conference on Multidimensional Finance, Insurance and Investment, ICM-FII'2016 held in the Universitat Politècnica de València-Campus de Alcoy in Spain from 26 to 29 June 2016.

Most of the financial decision-making problems are by nature, multiple criteria decision making problems, because they intend to balance between several conflicting objectives of different nature. Multiple Criteria Decision Making is a branch of Operational Research, which has developed numerous methods for solving such financial multiple criteria problems. This special issue is devoted to the dissemination of recent developments and applications of the Multi-Criteria Decision Aid tools in the field of finance. The special issue contents papers developing methods and procedures designed to solve problems related to finance taking into account the multidimensional nature of such problems such as: Multi-Attribute portfolio selection; Multi-Criteria Decision Aid in Finance; Multiple Objective Programming in Finance; Stochastic Programming in Finance; Fuzziness and uncertainty in Finance; Financial Planning and Financial Engineering; Portfolio Analysis; Financial Economics and applications; Insurance applications and, Corporate Governance. These topics were addressed and discussed during the Conference and gave rise to different outstanding works, some of which were submitted to this issue.

The Conference was devoted to the memory of Professor Ballesterro. As Prof. Romero acknowledged in the presentation of the Conference, “He was a versatile

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and brilliant intellectual: teacher, economist, mathematician, Member of the Spanish Parliament (1979–1989), abstract painter and writer.

At the end of the eighties, once he had left the Spanish Parliament, he started to research in the MCDM field, generating seminal contributions on it. Especially remarkable are his works linking the multi-criteria approach and economic analysis, developments in the stochastic goal programming method, providing a utility interpretation of the compromise programming model, extensions of the classic portfolio theory, etc. All these contributions were published in primary journals and were highly cited by the profession”.

Prof. Ballestero was a brilliant academic. But above all, he was our Teacher, Colleague and Friend and a reference for past and future generations of researchers in the field of Multiple Criteria Decision Making and Finance.

Taking again the beautiful words from Prof. Romero we chose “the magical poetry of the following verses from a sonnet by the English poet Rupert Brooke to say farewell to a remarkable person:

...he leaves a white
Unbroken glory, a gathered radiance,
A width, a shining peace, under the night”.

Thank you very much for all, Prof. Ballestero.

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