# Editorial

## Engineering and technology innovation: guest editorial

Engineering is the application of science and mathematics by which the properties of matters and the resources of energy in nature are made useful to human beings in structures, machines, products, systems or processes. An engineering designer must be able to identify the real needs, to create original and novel ideas, to provide feasible designs for manufacture and maintenance, to consider environmental effects and to come up with reliable devices, products, systems or processes with expected performance. In addition, engineering innovation is a creative process that is the essential source of all new engineering devices, products, systems or processes.

This special issue presents state-of-the-art papers selected from the proceedings of the International Multi-Conference on Engineering and Technology Innovation (IMETI 2015) which was held from October 30 to November 03, 2015, at the Crowne Plaza Hotel Kaohsiung E-DA World in southern Taiwan. It covers a wide range of computational approaches, creative design methodology, novel engineering devices and technical innovation by applying the knowledge of engineering-related science, technology and techniques, especially in mechanical, electrical, control, computer and information, bioinformatics and intelligent computing fields. It is expected to be a key issue related to engineering and technology innovation for industrial engineers and academic researches.

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