From the Guest Editors

CLEAN ENERGY AND ENERGY EFFICIENCY

Sustainable development is, by any definition, in the focus of interest in the 21st century, as it is a matter of the survival of mankind. One has to keep in mind, that global population is currently about 7.6 billion, whilst a century it was less than 2.0 billion; furthermore, more than three quarter of the world's population is living in cities. Thus, what lies in the road ahead for the coming 100 years? It is more than clear, that the impact of the human activities on the limited resources and on the environment is forceful and be destructive for the future of the planet and the population that is supports. A novel approach is therefore needed, practically in all aspects of life. Energy is undoubtedly a starting point for the global economic growth and the wellbeing of people, it is however our task to make this economic growth possible on a sustainable base and with reduced harmful impacts. In this line of approach the use of clean and inexhaustible energy resources, coupled with the increase in energy efficiency can and will lead towards a more sustainable future. Still, it is not just important to ensure clean energy, increase the energy efficiency and promote the smart waste of resources; it is also important to educate people and increase global awareness. Different engineering disciplines are called in to provide their input and the diffusion of fundamental and applied knowledge is needed to be able to respond to the present and upcoming challenges, which are usually complex and intertwined.

This special issue is related to selected papers from the Energy conference track, of the 2nd International Mulitdisiplnary Conference on Computer and Energy Science (SpliTech2017) that was held in Split, Croatia between July 12 and 14, 2017. The SpliTech2017 conference was a multidisciplinary event, primarily focused on the different topics from the e-Health, Smart City/Environment, IoT, Energy, and Engineering Modelling for different purposes is of great importance for building sustainable future. The SpliTech2017 conference was also a successfully event, with more than 100 presentations and over 150 delegates from almost 30 countries. All conference papers were carefully revised by at least three independent reviewers, with an acceptance rate of 49%, following IEEE rules to ensure the quality of the submissions.

SpliTech2017 managed to bring together interesting discussions and enabled pool of the knowledge ensured by academics, professionals and participants from the industry. We therefore believe that it enabled the promotion of novel and smart ideas that will eventually be usefully for the broader public and contribute to promoting prosperity and sustainable development.

Finally, the editors would like to express their sincere appreciation to the keynote and invited speakers, to the technical program committees, session chairs, reviewers and to the valuable authors for their general contribution, as well as to the complete SpliTech2017 organization team managed by Dr. Petar Šolić who made this event possible. Dr. Sandro Nižetić

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