Editorial

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This special issue of Electrical Engineering is oriented on the emerging trends of electrical engineering in various application fields, but mostly focused on the energy system, energy conversion etc. The contributions published in this issue represent the main contents presented during the ELEKTRO 2016 conference in Strbske Pleso—High Tatras, Slovakia with more than 150 conference participants and focuses on a broad spectrum of topics: Power Electronics in various industrial applications, Renewable Energy Applications, Control Systems and Digital Control, Electrical Machines, Drives and Traction, Power Electrical Systems, Design, Modelling, Simulation and Optimization of Mechatronic Systems, Battery Management and Energy Storage, Modelling, Simulation, Measurement in electrical engineering applications.

Electrical Engineering enables to inform wide scientific, academic and industrial community with current trends in electrical engineering and its application in future industrial

processes. The world is constantly in flux and new technologies grow in the volume. Many benefits are arising from developing hi-tech technologies, thus enabling utilization of modern devices, renewable systems and efficient drives and energy storage systems in consumer and industrial appliances.

The focus of this special issue is related to above mentioned trends, i.e. “developing new efficient technologies for future generations”, and with this motto we would like to continue in the future issues.

Allow us to express our thanks to the authors, colleagues, reviewers and those who contributed and prepared this issue of the journal of Electrical Engineering.

On behalf of the organizing and scientific committee of the ELEKTRO 2016 conference

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