

Editorial

Journal of Energy special issue: Papers from First International Colloquium on Smart Grid Metrology (Smagrimet 2018)

Welcome to this special issue of the Journal of Energy, dedicated to the publication of extended versions of some of the selected papers presented at the First International Colloquium on Smart Grid Metrology (Smagrimet 2018), held in Podstrana (Split), Croatia, from 24th to 27th April, 2018.

This Colloquium was organized by University of Zagreb, Faculty of electrical engineering and computing (FER) in cooperation with University of Split, Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture (FESB). It was also supported by Croatian branch of the International council for large electric power systems (HRO-CIGRE) with technical co-sponsorship from IEEE Instrumentation and Measurement Croatia Chapter.

The principal goal of this new event has been to address effective development and deployment of smart grids as well as in broad range of accompanying applications such as wireless and optical sensors, smart cities and vehicles, medicine, signal processing, machine learning, energy management and beyond. In that way Colloquium provided an environment for exchanging university and industrial experience, knowledge and ideas in the form of oral and poster sessions, invited speaker presentations and special sessions organized by the industry.

From 44 papers presented at the Colloquium, 4 papers were accepted for publication in this number of *Journal of Energy* after having undergone the additional peer-review process. We would like to thank the authors for their contributions and the reviewers who dedicated their valuable time in selecting and reviewing these papers, both during the Conference and during the preparation of this special issue of Journal of Energy. It was very challenging to collect a balanced overview of the entire Conference. We decided to select 4 papers for this issue and additional ones for the next issue.

We believe that the papers which were selected for this issue represent some of the best research related to development of new measurement procedures and calibration standards in the area of power and energy metrology.

The high quality of the four papers contained in this special issue is the result of the cooperation of a number of people: the authors, who submitted their very best work to the Journal; the referees, who helped in the selection of the published papers; and finally, the many people at HRO-CIGRE who assisted us in the production phase. We sincerely thank them all for their help to make this special issue possible.

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Guest Editor

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