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Smart Solutions and Devices for the Power Industry

Guest Editors:

Prof. Dr. Andrey A. Kurkin

Department of Applied Mathematics, Nizhny Novgorod State Technical University n.a. R.E. Alekseev, 603950 Nizhny Novgorod, Russia

aakurkin@nntu.ru

Dr. Dauren S. Akhmetbayev

Faculty of Energy, Saken Seifullin Kazakh Agrotechnical University, Astana, Kazakhstan

axmetbaev46@mail.ru

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Message from the Guest Editors

Dear Colleagues,

The decarbonization and decentralization processes of the electric power industry combined with the rapid spread of digital technologies determine the principles for the construction and operation of smart grids of the future. The construction of power plants based on non-traditional energy sources in close proximity to consumers is becoming an increasingly efficient and competitive alternative to large, centralized generation. At the same time, the mass integration of such power plants into electrical networks requires the development of approaches and the creation of new devices for the effective control and protection of electrical networks.

This Special Issue on "Smart Solutions and Devices for the Power Industry" is devoted to promising, intelligent sources of distributed generation, as well as devices for their integration into an electrical network. In publications, new circuit and design solutions can be considered that can significantly improve the efficiency of distributed energy facilities.

Prof. Dr. Andrey A. Kurkin Dr. Dauren S. Akhmetbayev Guest Editors











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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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