

Special Issue

Smart Energy Storage Systems

Message from the Guest Editors

Electric energy resources should move from conventional resources to other renewable and green resources that will usually need to be associated or coordinated with energy storage systems (ESS). New technologies, such as power electronics and information and communications technologies, allow controlling this ESS in new and optimized ways, to implement intelligent strategies that are able to optimize the operation of the conventional grid. These ESSs can be considered a key element of smart energy, called Smart Energy Storage Systems (SESS). In this Special Issue we call for original contributions related to SESS, covering the electronics, both power and communication electronic systems, required to assure their correct operation, monitoring and performance, to the computing systems required to implement intelligence, machine learning, learning capability and the establishment of new business models and smart contracts.

Guest Editors

Prof. Dr. Enrique Romero-Cadaval
Prof. Dr. Victor Fernão Pires
Prof. Dr. Eva González-Romera

Deadline for manuscript submissions

closed (28 February 2021)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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