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Sustainable Integration of Electric Vehicles in Smart-X Environments

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Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

The ongoing deployment of electric and connected vehicles does not only cover new technologies, but is rather driving a change in mobility as a whole, particularly as the integration into superordinated systems such as the Smart Grid or Smart Cities is accompanied by a significant technical and socio-cultural impact. To shed light on sustainable integration of electric and connected vehicles in superordinated smart systems, the purpose of this Special Issue is to provide a forum for the exchange of newly identified research topics, approaches, and concepts from different perspectives. As such, the scope of this Special Issue covers technical aspects such interdisciplinary and cross-disciplinary engineering, System-of-Systems concerns, and socio-cultural aspects such as privacy-related concerns. Thus, not only engineering related topics are in focus but all aspects with relevance to a sustainable integration of electric and connected vehicles shall be addressed. Concepts for holistic considerations are welcome as investigations on particular technologies that have the potential to play a role as enabler of sustainable integration of vehicles in their surrounding context.









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Message from the Editor-in-Chief

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