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Fuel Cell Systems for Transportation Electrification

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closed (1 March 2021)

Message from the Guest Editors

Fuel cell vehicles promise to be far more efficient, produce low or zero emissions, and operate cleaner than internal combustion based vehicles. The energy density of a fuel cell is greater than that of a battery and can be refueled much faster than a battery. Hence there is an increasing interest in the application of fuel cells for propulsion and also for on-board power generation. The purpose of this special issue is to address the advances in research related to the use of fuel cells for transportation electrification. We invite original manuscripts presenting recent advances in the application of fuel cells for all modes of transportation (road, rail, air, and sea) for propulsion, on-board power generation, and for powering accessories. In addition, optimization of energy system management, reliability, prognostics, and health management as applied to fuel cell based transportation are also of interest.











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Message from the Editor-in-Chief

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