



International Conference on Sustainable Mobility Applications, Renewables and Technology (SMART2015), Kuwait, November 23-25, 2015

Call for Contributions to the Special Session on Actuators and Systems for eMobility

by Dr. Jacek Junak (Brose Fahrzeugteile GmbH & Co. KG)

Thematic:

Environmentally friendly and efficient mobility is one of the greatest tasks of the future. In order to fulfill challenges of future mobility the electrification of vehicle and its components is becoming an increasingly important. The main objective of this special session is to bring the ideas of the worldwide research community into common platform, to present the latest advances and developments in design, modeling, control and practical implementation of actuators, electric motors and other systems for the e-mobility. Topics of interest of this special session include, but are not limited to:

- Vehicle architecture concepts (EV, HEV, fuel cell vehicles, EV with range extender)
- Design and optimization of traction motors for EV and HEV
- Energy storage and charging technologies
- Efficient and low weight actuators and components for mobility systems
- EV power electronics and control systems
- 48 V in-vehicle electrical system and its components
- Advances in thermal management, engine/battery cooling solutions

Submission: Prospective authors are invited to submit an extended abstract of two to three A4 pages, written in English. There is no specific template. Abstracts should be submitted directly to the special session organizer: jacek.junak@brose.com

Important Dates:	July 31, 2015	Abstract submission
	August 21, 2015	Provisional Acceptance
	September 15, 2015	Full paper submission
	September 25, 2015	Final acceptance