



CALL FOR PAPERS

ICBMSHEV 2020
Sep 23-24, 2020
Vancouver, Canada

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICBMSHEV 2020 : International Conference on Battery Management Systems and Hybrid Electric Vehicles is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Battery Management Systems and Hybrid Electric Vehicles. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Battery management systems of electric and hybrid electric vehicles
Battery management system (BMS)
State estimation
State of charge (SOC) of the battery
State of health estimation of the ESS
Cells balancing of the ESS
Aging modeling of ESS
Kalman filter techniques

Particle filter estimation
Linear and nonlinear observers
State of life estimation of the ESS
Genetic algorithms
Fault detection, diagnosis, and isolation (FDDI) in the ESS
PID control
Fuzzy logic control