



# 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