



September 11-13

EVS 16 - GTR Gothenburg, Sweden





Research Activities

- 1. Thermal Propagation Refer to presentations at this meeting
 - Pack level Thermal Propagation test using TRIM method summer 2018
 - Vehicle level Thermal Propagation test using TRIM method Fall 2018
 - Refine Thermal Propagation testing method based on THIS GTR discussion (ISC or TR reproduction, heater designs, positions, cell types), if required Fall/winter 2018 19
 - Coordination of Thermal Propagation testing/validation with other GTR contracting parties ongoing
 - Coordinating TRIM method with interested contracting parties ongoing
 - Further pack or vehicle level testing, if required Summer 2019

Research Activities

2. EV Battery Pack Diagnostics

- Investigate whether AC impedance technique developed at cell level for detection of abused cells can be scaled to module level – summer 2019
- Literature/patent and select validation experiments on other potential diagnostic methods for potential cell failure – summer 2019

Research Activities

- 3. Other Areas of Potential Research past 2019
 - Continuation of Thermal Propagation test method refinements/validation
 - Charging/overcharging testing
 - BMS or Charger failure testing
 - Assessing vehicle alert systems during battery failure