

Session Program

10-16 Jun 2018



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2018 CAP Congress / Congrès de l'ACP 2018

***T4-1 Energy Storage 2 (DCMMP) |
Accumulation 2 (DPMCM)***

Dalhousie University

Tuesday 12 June

15:30

T4-1 Energy Storage 2 (DCMMP) | Accumulation 2 (DPMCM)

Session | **Location:** Dalhousie University, SUB 307 (cap.80) | **Convener:** Matthew Genovese

15:30–16:00

Development of Utility Friendly Safe Olivine Based ESS in Esstalion Technologies. (I)

Speaker

Dr Karim Zaghib

16:00–16:15

Impact of aluminum substitution on the electronic and thermodynamic properties of NCA materials for lithium-ion batteries using first-principles methods (G)

Speaker

Marc M. E. Cormier

16:15–16:30

Synthesis of Single Crystal $\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$ with Enhanced Electrochemical Performance for Lithium Ion Batteries (G)

Speaker

Hongyang Li

16:30–16:45

Density Functional Theory Studies on the Role of Electrolyte Additives in Lithium-ion Batteries

Speaker

David Hall

16:45