



30th March, 2017

Dr. Henry Tan
School of Engineering
University of Aberdeen
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United Kingdom

Re: Impact of the International Symposium on Energy

Dear Dr. Tan,

My assessment of the International Symposium on Energy is that it addresses challenging issues.

I participated in the 1st International Symposium on Energy Challenges and Mechanics by delivering an invited Keynote Lecture on "The generation of stress in the storage particles of lithium-ion batteries." I described how models are developed for the transport of Li ions in the electrolyte of lithium ion batteries, their diffusion through storage electrode particles, and their kinetics through the surface of the particles between the electrolyte and the particles. In my judgment the Symposium is an ideal venue for presenting such advances in research in the energy area.

Furthermore, the Symposium explores new ideas. At the Symposium I moderated a session on Energy Storage; this session explored the advances in applying recent developments in experimental and theoretical techniques involving nanoscience in lithium ion systems for energy storage.

I strongly recommend the symposium series.

Yours sincerely

A handwritten signature in blue ink that reads "R McMeeking".

Robert M. McMeeking, FEng, FRSE, NAE.

Tony Evans Professor of Structural Materials, University of California, Santa Barbara
Distinguished Professor Mechanical Engineering, University of California, Santa Barbara
Sixth Century Professor of Materials Engineering, University of Aberdeen