

3rd ReLIable Metal-Air Workshop – August 25-26th, 2014

Hotel Scandic Copenhagen (Vester Søgade 6, 1601 Copenhagen V, Denmark)

09:00-10:00 Registration & breakfast

10:00-11:45 Introduction and invited lectures

- 10:00-10:15 Welcome by Prof. Tejs Vegge (DTU): *“ReLIable: Reversible Lithium-Air Batteries”*
- 10:15-11:00 Invited lecture - Dr. Dan Addison: *“New Electrolyte and Catalytic Concepts for Alkali metal/Oxygen Cells”*
- 11:00-11:45 Invited lecture - Prof. Kristina Edström: *“Li-O₂ battery? – surface and operando studies”*

11:45-13:00 Lunch

13:00-14:20 ReLIable Presentations I

- 13:00-13:20 Jonathan Højberg (Haldor Topsøe): *“An Electrochemical Impedance Spectroscopy Investigation of the Overpotentials in Li-Air Batteries”*
- 13:20-13:40 Ass. Prof. Juan Maria Garcia Lastra (DTU): *“DFT-based models of charge transport across Li-air batteries discharge products”*
- 13:40-14:00 Dr. Rajnish Dhiman (SDU): *“Surface and electrochemical studies of solid electrolyte interfaces in Li-O₂ batteries”*
- 14:00-14:20 Mie Møller Storm (DTU): *“In situ X-ray diffraction studies of synthesis of graphene oxide and reduced graphene oxide”*

14:20-14:40 Coffee break

14:40-16:00 ReLIable Presentations II

- 14:40-15:00 Kristian B. Knudsen (DTU): *“An e⁻ transport study through Li₂O₂ and a degradation analysis of porous carbon cathodes in Li-O₂ cells”*
- 15:00-15:20 Andreas E. Christensen (Lithium Balance): *“Lithium-air batteries - beyond the fundamentals”*
- 15:20-15:40 Dr. Ali Rinaldi (TUM Create, visiting scientist): *“Electrochemical Oscillation in Li-O₂ battery”*
- 15:40-16:00 Tim Brandt van Driel (DTU): *“Dynamic studies of ionic liquids at a charged surface”*

16:00-16:15 Break

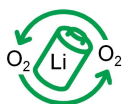
16:15-17:00 Invited, pre-dinner lecture

- 16:15-17:00 Invited lecture - Prof. Alan C. Luntz: *“On the origin and implications of toroid formation in non aqueous Li-O₂ batteries”*

17:00 – 19:30 Social Events and Steering Committee Meeting

- 17:00 – 18:00 Steering Committee meeting
- 17:00 – 19:15 “Social event”: Battery-boat Canal Tours in Copenhagen (from Nyhavn)

19:30 – Dinner (Restaurant Vespa, St. Kongensgade)



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