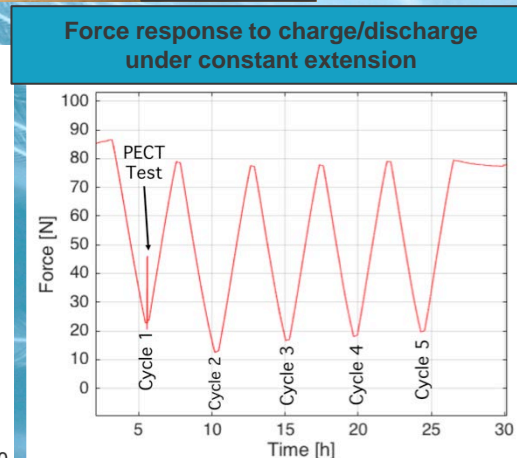
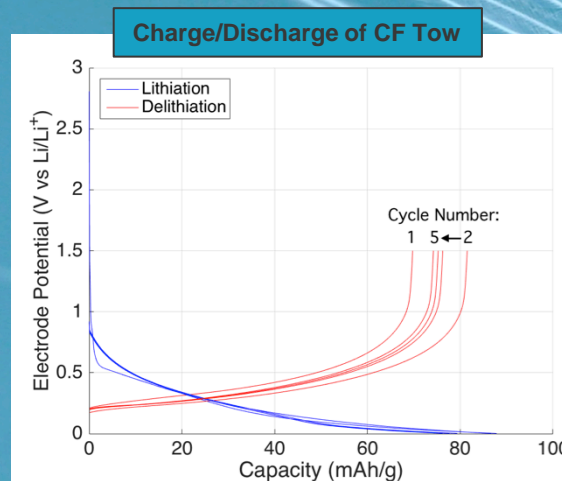
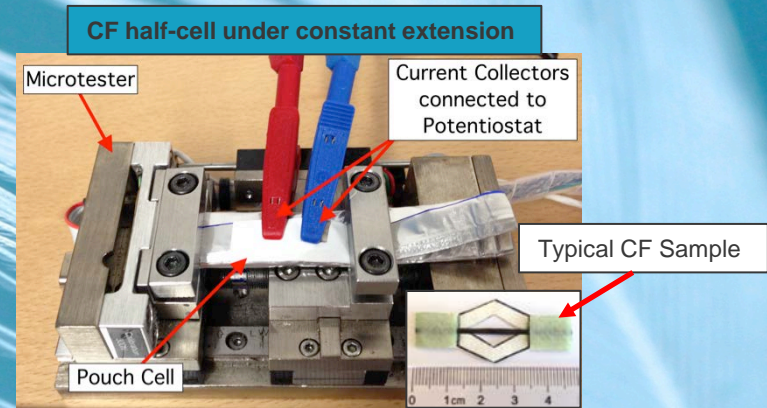


Functionalisation of Carbon Fibres through ion-intercalation

PhD student: Ross Harnden
Duration: 4.5 years
Funding: Vetenskapsrådet
Advisor: Dan Zenkert

Research Scope:

- Investigate CF functionalities
 - CF sensors
 - CF actuators
 - CF energy harvesters
- Opportunities for combined functionalities
- Feasibility of functionalised CFs in engineering structures



LIGHTer



KTH Royal Institute of Technology, Aeronautical and Vehical Engineering, Lightweight Structures Group