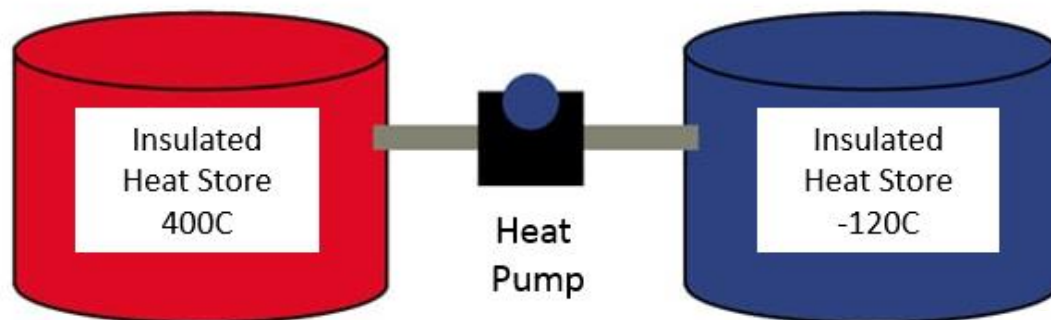




How Can We Build Economically Viable Grid-Scale Energy Storage?



Win Rampen

Chair of Energy Storage, University of Edinburgh

This talk will explore the problems and possible solutions of energy storage. There is a severe mismatch between de-carbonised generation - most of which cannot be scheduled - and instantaneous demand on the electricity grid. Win's vision is to replace conventional power stations with a network of storage facilities, which can aggregate and be used to smooth non-firm renewable energy while also providing distributed back-up generation.

Win launched SynchroStor in 2018 to develop and commercialise grid-scale pumped heat energy storage. He is a co-founder of Artemis Intelligent Power Ltd, an engineering R&D company that spun out of the University of Edinburgh in 1994, Win is a Fellow of the RSE, IMechE, the RSA and the Royal Academy of Engineering.



Admission Free
Visitors Welcome
Please register at:

<https://www.eventbrite.co.uk/e/how-can-we-build-economically-viable-grid-scale-energy-storage-tickets-70492768769>

Tuesday 14th Jan 2020

18.00 for 18.30
Room 301
McCance Building
16 Richmond East
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