

Online PhD-day "EERA JP6 Energy Storage: Technoeconomics and Sustainability"

7th of December 2021 9:00 am – 11:15 am cet

Prospective sustainability assessment of energy storage technologies - methods and case studies

The Sub-program 6: Techno-economics and sustainability of energy storage technologies of the EERA Joint Programme Energy Storage (JP ES) offers PhD students the possibility to present and discuss their work to their peers within the extended EERA JP ES network.

Presentation format

The PhD days will be carried out online in the form of a webinar.

The presentation should not take longer than 20 min + 20 min open discussion.

Time	Title of presentation	Presenter	Affiliation
9:00	Welcome and overview of EERA JP ES	Manuel Baumann	Karlsruhe Institute of Technology (Germany)
9:10	Electrochemical energy storage using a next generation battery? Improving the climate and resource performance of lithium-sulfur batteries using prospective life cycle assessment.	Sanna Wickerts Moderator: Roland Hishier	Chalmers University of Technology (Sweden) EMPA (Switzerland)
9:50	Economic analysis of a hybrid battery storage system providing frequency containment reserve in Germany considering future development	Patrick Draheim Moderator: Daniel Fernández-Muñoz	German Aerospace Center (DLR) (Germany) Universidad Politécnica de Madrid (Spain)
10:30	Sustainability Assessment of Anode Material for Post-Lithium Batteries in Early Design Phases	Huiting Liu Moderator: Urte Brand	Karlsruhe Institute of Technology (Germany) German Aerospace Center (DLR) (Germany)
11:10	Final Remarks	Manuel Baumann	Karlsruhe Institute of Technology (Germany)
11:20	End of PhD day		

Participation / registration:

The event is open to everybody interested in the field of energy storage. Only a registration is required to attend the event as listener.

<https://zoom.us/meeting/register/tJluduuhpj8tHNDYkJfgwFPUPF6wzyCe7pbs>

The best contribution presented at the PhD days will receive an official EERA award and funding for an open access publication. All presentations can be made available on the EERA JP ES website.