

Battery2030+ Initiative

Research Data Management, Guidelines, and Standards



2nd ONLINE WORKSHOP 2021-03-12 | 13:00 (CET)

SCOPE | AGENDA | DISCUSSION POINTS | ACCESS INFORMATION

Scope:

Within the Battery2030+ Initiative, it is our goal to harmonize our efforts on research data management (RDM) and to develop guidelines and standards for experimental and theoretical data generation and processing. Our 2nd workshop will focus on the **benefits of RDM and guidelines**, show **best-practice examples**.

Further, we've invited Editors of three scientific journals to discuss questions regarding **open data**, and we will ask all participants to enter into a discussion about the next steps taken within the Battery2030+ Initiative towards **concrete actions** (see further information on page 2) concerning RDM & guidelines.

Agenda:

13:00 – 13:10	Welcome & Introduction	Kristina Edström (Uppsala University)
13:10 – 13:20	Aftermath Dec. 11 th workshop	Ivano Castelli (DTU)
13:20 – 13:30	RDM & Guidelines – Benefit vs. Efforts	Alexis Grimaud (CNRS)
13:30 – 13:40	RDM & Guidelines – Goals & Ambitions	Christian Punckt (KIT)
13:40 – 14:10	Editors' Discussion on Open Data	Stefano Passerini (J. Power Sources) Rosalba Rincón (Batteries & Supercaps) Halgard Staesche (Chem. Sus. Chem.) Alex Zhang (Nature Energy)
14:10 – 14:25	RDM Best Practice I	Andrew Goetz (ESRF - PANOSC)
14:25 – 14:40	RDM Best Practice II	Andrea Manzi (EGI Foundation)
14:40 – 15:00	Break	
15:00 – 15:15	Guidelines I (Experiment)	Ivana Hasa (University of Warwick)
15:15 – 15:30	Guidelines II (Theory)	Luca Ghiringhelli (NOMAD Lab @ FHI Berlin)
15:30 – 16:15	Discussion / Workshop (see page 2)	all
16:15 – 16:30	Summary and Outlook	Castelli / Grimaud / Punckt

Discussion Points

We would like to raise the following questions during our event. The audience is invited to submit additional questions via the chat.

- A. Editors' Discussion on Open Data & Guidelines
 1. What is the rationale behind having (raw) data submitted with a paper? Does submitting data increase your trust in the paper? How do you encourage researchers to do it?
 2. Are you planning a peer-reviewing of the data?
 3. How do you plan to detect plagiarism in data and to check that data is properly cited?
 4. Who would be the author(s) of fully AI papers? Have you considered this yet?
 5. What is your opinion about guidelines and standards for generating/reporting data in the field of energy storage?

- B. Discussion of action points for Battery2030+
 1. Task force for unified DMP (initial and updated DMP) and procedures
 2. Expert group within Battery2030+ to supervise infrastructures, procedures, standards, data etc.
 3. Implementation of common infrastructure across all Battery2030+ projects
 4. What is the source of funding (Battery2030+ or each LC-BAT project)? How can long-term funding be ensured?
 5. Organisation of summer schools and courses on data management and guidelines – let's educate people
 6. How to handle IPR conflicts (with private sector) in relation to RDM and open data?
 7. Do we need a clean cut with the past or a slow transition to new procedures?

Access Information

Please register by following the link below:

<https://zoom.us/meeting/register/tJcpceiqrj0uE9FOEDMtu2K8fsZkqDTvKh1H>

After registration, you will receive an email with the access information.