

Block Course “Materials, Functioning and Technology of Batteries” 2023 **Part 2**

Date and Venue

Part 2 will be held at

Tagungsstätte Thomashof, Stupfericher Weg 1, 76227 Karlsruhe from 08.05.2023 – 12.05.2023

Preliminary Timetable

		Mo	Di	Mi	Do	Fr
	min	08/05/2023	09/05/2023	10/05/2023	11/05/2023	12/05/2023
08:00-09:00	60		Breakfast	Breakfast	Breakfast	Breakfast
09:00-10:30	90	Travel	Diffraction and Tomography Ehrenberg	Na Batteries Dsoke	Sci. Practice Punckt (until 11 am)	Presentation (Final Test)
10:30-11:00	30		Break	Break	Break	Break
11:00-12:30	90	Welcome / Round of Introduction	Aqueous Battery Systems Ehrenberg	Phase-field and Particle Based Modeling Kamlah	Group work (Preparation Final Test)	Presentation (Final Test)
12:30-13:30	60	Lunch	Lunch	Lunch	Lunch	Lunch
13:30-15:00	90	Production of Batteries Fleischer	Microscopy Kübel	Battery Safety Ziebert	Sustainability analysis of batteries Weil	
15:00-15:30	30	Break	Break	Break	Break	14:00-15:30
15:30-17:00	90	Production of Batteries Fleischer	From materials to cells + Mg/Ca batteries Marinero	Group work (Preparation Final Test)	Group work (Preparation Final Test)	Visit wbk
17:00-17:15	15	Break	Break	Break	Break	
17:15-18:00	45	S Batteries Jeschull	Doctoral Researchers Choice	Group work (Preparation Final Test)	Group work (Preparation Final Test)	Forschungsfabrik Karlsruhe for all GS-EES members
18:00		Dinner	Dinner	Dinner	Dinner	

Participants

Participants of Part 1.

Final Test

The “Final Test” is mandatory for GS-EES members. It will be done via presentations in groups of 3.

Please bring a laptop or something similar to be able to prepare the presentations.

Lab visit at wbk Institute of Production Science

As final event, we will visit the wbk Institute of Production Science / Forschungsfabrik Karlsruhe on Friday, which is open for all GS-EES members and POLiS affiliates .

Further information and a separate registration will follow.

Registration

Please register [online](#) until 09.04.2023

For GS-EES members the block course is **free of charge**. Accommodation is already booked.

Non GS-EES members will have to **pay** for the food and accommodation **by themselves**. They will get a **separate bill** from Thomashof.