

Hands-on Electrochemistry for Energy Storage and Conversion Applications

Course Schedule

June, 2019

Rotation plan

Group	Block 1 Days 3 & 4	Block 2 Days 5 & 6	Block 3 Days 7 & 8
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A	Fuel Cells	Flow Batteries	Li-Ion Batteries
B	Flow Batteries	Li-Ion Batteries	Fuel Cells

Week 1

Electrochemistry Basics		Block 1		(free)
June 3 Monday	June 4 Tuesday	June 5 Wednesday	June 6 Thursday	June 7 Friday

Day	1	2	3	4	
Location	PSI	PSI	PSI	PSI	
08-09	Welcome / Intro Safety / Lab Tour OHSA/E13	Electrochemistry OLGA/016 OLGA/312	A: Fuel Cells B: Flow Batteries		
09-10					
10-11					
11-12					
12-13	Lunch	Lunch	Lunch	Lunch	
13-14	Introduction to Electrochemistry and Devices OHSA/E13	Introduction to Data analysis OHSA/E13			
14-15					
15-16					
16-17					

Room Bookings	Laboratories	Morning	Afternoon
Li-Ion Batteries	OLGA/112,116,313		
Flow Batteries	OFLG/U106	OFLG/402	OFLG/402
Fuel Cell	OLHA	OVGA/999	OVGA/999

Hands-on Electrochemistry

Week 2

Whitsun Monday	Block 2		Block 3	
June 10 Monday	June 11 Tuesday	June 12 Wednesday	June 13 Thursday	June 14 Friday

Day		5	6	7	8
Location		PSI	PSI	PSI	PSI
08-09		A: Flow Batteries B: Li-Ion Batteries		A: Li-Ion Batteries B: Fuel Cells	
09-10					
10-11					
11-12					
12-13		Lunch	Lunch	Lunch	Lunch
13-14					
14-15					
15-16					
16-17					

Room Bookings	Morning	Afternoon	Morning	Afternoon
Li-Ion Batteries	OFLG/401	OFLG/401	OVGA/200	OFLG/401
Flow Batteries	OFLG/402	OFLG/402		
Fuel Cell			OHSA/B17	OHSA/B17

Week 3

Exam	Presentations
June 17 Monday	June 18 Tuesday

Day	9	10
Location	ETHZ	ETHZ
Venue	HCI F2	HCI F2
08-09	Q&A Exam preparation	Presentation preparations
09-10		
10-11		
11-12		
12-13	Lunch	Lunch
13-14	(cont.)	Presentations (3 groups)
14-15		
15-16		
16-17	Exam (1 h)	