Electrolysis and Redox Flow Batteries: Combining the Two Worlds

Timing	Topics	Speakers
	PART I – Introduction : Redox Flow and Water Electrolysis [10:00-11:00]	
10:00	Introduction from REDHY coordinator	Tobias Morawietz (DLR)
10:10	Vanadium redox flow electrolysis	Matteo Zago (POLIMI)
10:25	Redox flow & Electrolysis (CO2 reduction, HER)	Kathryn Toghill (LU)
10:40	Water electrolysis – Advances and main challenges	Aldo Gago (DLR)
	Short break	
	PART II – the REDHY solution & innovations [11:00-12:00]	
11:00	3D printed electrodes for the REDHy system	Mathieu Etienne (CNRS)
11:10	From Prediction to Design: Optimizing CROCs for Redox Performance	German Sastre (UPV)
11:20	CRM-free heterogeneous catalysts for hydrogen and oxygen evolution	Fausta Giacobello (CNR)
11:30	Advancing bipolar membrane design for efficient electrochemical energy storage	Julien Fage (CENMAT)
11:40	Hybrid electrolysis system with decoupled gas evolution Combining the advanced components	Angelika Bullinger (DLR)
	Short break	
	PART III - Panel discussion and Q&A [12:00-13:00]	
12:00	Panel discussion: Strength and opportunities of the 'combined worlds' *Q&A session*	Matteo Zago, Kathryn Toghill and Aldo Gago
12:45	Summary of key insights, follow-up actions and closing remarks	Tobias Morawietz (DLR)