

Thursday 29th September 2022

Presenter	Presentation title	Starting at (CEST)
Welcome and info		9:00
Section 1: Organic RFB (9:15 - 10:30)		
S1-1	Petr Mazúr Organic redox compounds for cheaper and greener flow batteries – a critical view	9:10
S1-2	Juan Asenjo Design of new triazine electrolytes for multiple-electron storage	9:30
S1-3	Maddalen Agirre Study of the behaviour of 2,2'-bipyridines in Aqueous Organic Redox Flow Batteries	9:50
S1-4	Maël Penhoat From biomimetic mediated formate flow fuel cells to redox flow batteries	10:10
Coffee break (10:30 - 11:00)		10:30
Section 2: Mathematical modelling (11:00 - 12:00)		
S2-1	Gael Morouga The potential of physics-based modelling for improved flow battery management	11:00
S2-2	Roman Pascal Schärer Effective Transport Parameters for Porous Electrodes in Flow Batteries	11:20
S2-3	Martin Bureš Predicting properties of carbon felt electrodes by mathematical modelling and μ -computed tomography	11:40
Lunch break (12:00 - 14:00)		12:00
Section 3: Electrode performance and stability (14:00 - 15:00)		
S3-1	Přemysl Richtr Influence of static mixers on zinc electrodeposition in alkaline zinc-air flow battery	14:00
S3-2	Jindřich Mrlík Study of deactivation of vanadium redox flow battery negative graphite felt electrode in symmetric-cell	14:20
S3-3	Petr Mazúr Performance stability of graphite felt electrodes in SPr_2V -Ferrocyanide flow battery using double half-cell approach	14:40
Closing of the Autumn flow battery on-line meeting		15:00

The seminar will be available for free via Teams:

<https://teams.microsoft.com/l/team/19%3a5jIRT1gzQiNxWxltFz4iMHZHLUzwSYLPFnMWusSdyFg1%40thread.tacv2/conversations?groupId=eb156201-8e6c-4852-9744-fbf3edcc8d21&tenantId=a5085469-d927-486a-966e-f350bf2fe08a>