

Session Program

Low-Temperature Fuel Cells, Electrolysers & H₂ Processing

EFCF 2019

KKL, 2-5 July

A Auditorium		Page	B Convention Foyer		Page	M Symposia	G
We 9:00	A01: P1: Opening Session Keynotes by FCH JU & by Linde	12					
11:00	A02: H2 Economy; I1+2	14	B02: PEFC Degradation & Testing; I3		14		
13:15	Auditorium Foyer	A03: Poster Session I covering All Session Topics			15	MEEP 2019 3-4 July Club Rooms <hr/> Symposium on* Microbial, Enzymatic & Bio-Photovoltaic Electrochemical Reactors	GSM 2019 3-4 July Uni LU - HS 10 <hr/> Symposium on* Grid Service Market - Grid Flexibility & Business
14:30	A04: H ₂ Fuel Cell for the Automotive Sector; I4	15	B04: Pt Alloys Catalysts; I5	15			
16:30	A05: PEMEL Development & Testing	16	B05: Pt Catalyst Supports, Alloys & Observation	16			
Th 9:00	A06: P2: Keynote by Toyota	17					
9:30	A07: FC System Integration & Energetic Optimisation	17	B07: Oxygen Evolution and Reduction Reactions; I6	17			
11:00	A08: PEFC Bipolar Plate & Flow Field Design	18	B08: CO ₂ Reduction	18			
13:15	Auditorium Foyer	A09: Poster Session II covering All Session Topics			19		
14:30	A10: PEFC Stack Design, Analysis, Optimisation	19	B10: Alkaline Membrane Materials; I7+8	19			
16:30	A11: Hydrogen Purification & Compression	20	B11: Acidic Membrane Materials	20			
Fr 9:00	A12: P3: Keynote by NEL	21					
9:30	A13: Electrolyser & FC for Grid Balancing	21	B13: Photoelectrochemical Water Splitting		21		
11:00	A14: Electrolyser: OEM & Tier 1 Status Report; I9	22	B14: Pt-free Catalysts; I10		22		
13:30	A15: FC Applications	23	B15: Diffusive Media for FC & Electrolysers		23		
15:05 - 16.15	A16: P4: Closing Ceremony Keynote EFCF Gold Medal of Honour Winner	24	Legend: Px: = Plenary with Keynotes; Ix: = with Invited Talk				

*see separate Programmes p31

MEEP 2019

3-4 July KKL Club Rooms

Symposium on Microbial, Enzymatic & Bio-Photovoltaic Electrochemical Reactors

M Session Program

*optional

We 14:30	M04: Welcome, Keynote on Electroautotrophy Microbial Interactions & Electrosynthesis
16:30	M05: Materials, Transfer Processes & reactor design I
18:30	*Network Evening - Swiss Surprise (extra tickets for 120.- pP available)
Th 09:00	M06: Keynote on Nano tools for electrocatalytic materials
09:30	M07: Materials, Transfer Processes & reactor design II
11:00	M08: Microbial Electrolysis & Scale up opportunities & challenges
13:15	M10: Poster Session (covering all Session MEEP Topics)
14:30	M11: Implementation, Systems Engineering & Emerging Applications
16:30	*MEEP Apéro in the EFCF exhibition area, booth visits
19:20	Dinner on the Lake (Boarding lake side of KKL, guest tickets for 120.- CHF pP)

GSM 2019

3-4 July Uni LU - HS 10

Symposium on Grid Service Market - Grid Flexibility & Business

G Session Program

*optional

We 12:45	G01: OPENING & WELCOME
13:00	G02: <u>VPP-PANEL</u> : BUSINESS-POTENTIAL & TECHNOLOGY CHALLENGES (joint with PACE project)
15:00	G03: FLEXIBLE UNITS & DEVELOPMENTS IN GRID SERVICE MARKETS I
19:30	GSM Network Dinner (guest tickets for 120.- CHF pP available)
Th 08:50	G04: DEVELOPMENTS IN GRID SERVICE MARKETS II
11:00	G05: FLEXIBLE UNITS & GRID SERVICES OPERATION
13:30	G06: Poster Session (covering all Session GSM Topics)
14:00	G07: INTERNATIONAL COLLABORATION
16:30	*Grid Apéro in the EFCF exhibition area, booth visits
19:20	*Dinner on the Lake (Boarding lake side of KKL (guest tickets for 120.- CHF pP)