



37th Swiss Electrochemistry Symposium
Wednesday, 21st April 2021 – Webinar – Join in via Zoom
 Prospects of Future Transport Electrification

PROGRAM

09:20	Welcome – Join the Webinar via Zoom	Topics
09:30	Felix N. Büchi, PSI Villigen	Welcome & Introduction
09:45	Konstantinos Boulouchos, ETH Zürich, Switzerland	A portfolio of Energy Supply Options for net-zero CO ₂ Transportation in 2050
10:30	Hubert Gasteiger, Technical University of Munich, Garching, Germany	Battery or Fuel Cell Electric Vehicles - Technological, Economical, and Ecological Constraints for Sustainable Electromobility?
11:15	Short Break 15 Min.	
11:30	Patrick Stadelmann, H ₂ Energy AG, Glattpark-Opfikon, Switzerland	Swiss Ecosystem for the worldwide first operational FC truck fleet
12:15	Lunch Break 1h	
13:15	Ralph-Uwe Dietrich, German Aerospace Center (DLR), Stuttgart, Germany	Synthetic Fuels for sustainable aviation and beyond
14:00	Jürgen Janek, Justus-Liebig-Universität, Giessen, Germany	On the Road from Lithium Ion Batteries with Liquid Electrolytes to Solid-State Batteries
14:45	Short Break 15 Min.	
15:00	Andrea Vezzini, Bern University of Applied Sciences, Biel, Switzerland	Cloud battery management system for an electric bike: an application example
15:45	Tobias Schmidt, ETH Zürich, Switzerland	Innovation and competition in low-carbon drive technology – implications for industry and policy
16:30	Felix N. Büchi, PSI Villigen	Summary
16:40	End of Symposium	

For more information: www.psi.ch/ec21.

The Organizing Team: Felix N. Büchi, Head a.i. of the PSI Electrochemistry Laboratory, Pierre Boillat, Mario El Kazzi, Lorenz Gubler, Thomas J. Schmidt, Sigita Trabesinger, Cordelia Gloor, Secretary.

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