

International Summer School on Electrocatalysis and Organic Electrosynthesis

This International Summer School aims at providing an overview about state-of-the-art approaches and concepts tackling contemporary challenges which are associated with the decarbonization and defossilization of the chemistry sector. In this context, electrochemical processes are considered essential to enable this transition as they provide means to produce platform chemicals on larger industrial scale or fine chemicals of higher value using renewable energy sources. To shine light on the actual sustainability aspects of the transformation processes under consideration insights from life cycle analyses (LCAs) will be presented and discussed.

Conference Venue

Hotel Metropole Interlaken, CH-3800 Interlaken, Switzerland
www.metropole-interlaken.ch



Organization Committee

- Prof. Matthias Arenz, University of Bern
- Prof. Peter Broekmann, University of Bern
- Prof. Siegfried R. Waldvogel, University of Mainz

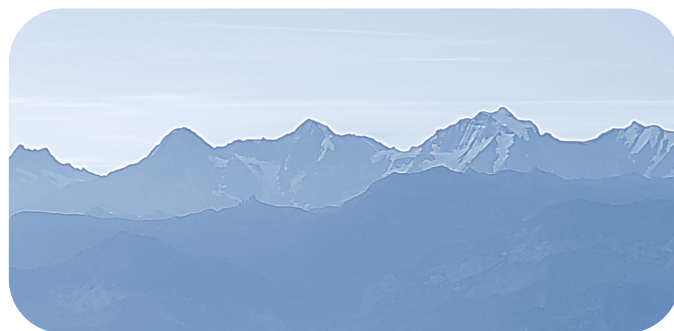
Contact and Conference Secretariat

Swiss Chemical Society (SCS)
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Swiss Chemical Society
SCS Seminar

International Summer School on Electrocatalysis and Organic Electrosynthesis

Interlaken, Switzerland
August 28-31, 2023



Swiss Chemical Society (SCS)
SwissCat
Haus der Akademien
Laupenstrasse 7
3008 Bern
scg.ch/swisscat



SCS
Swiss Chemical
Society
**Swiss Catalysis
Section – SwissCat**

Registration Fees

	SCS Members	Non-Members
Students	CHF 750	CHF 750
Regular participants	CHF 850	CHF 900
Single room accommodation:	+CHF 150	+CHF 150

Registration

Please register on electrosem23.scg.ch

Deadlines

- Registration Deadline for Sponsors January 31, 2023
- Registration incl. poster application June 26, 2023

Teaching Body

Erwin Reisner, University of Cambridge, UK
Energy and Sustainability

Gonzalo Guillén Gosálbez, ETH Zürich, Switzerland
Life Cycle Analysis

Sophia Hausner, EPFL Lausanne
Transport processes in gas diffusion electrodes

Csaba Janaky, University of Szeged, Hungary
CO₂ electrolysis

Günter Schmid, Siemens Energy, Germany
Industrial CO₂ and water electrolysis

Atsushi Urakawa, TU Delft, The Netherlands
Nitrate and NO_x reduction

Alexander Bagger, Imperial College London, United Kingdom
Modeling of OER, HER, and CO₂RR

Carlos Huitle Martinez, Natal University, Brasil
Electrochemical wastewater treatment and upscaling

Siegfried R. Waldvogel, University of Mainz, Germany
Scalable organic electrocatalysis

Robert Francke, LIKAT Rostock, Germany
Mediated organic electrocatalysis

Chris Scabroough, Syngenta, Switzerland
Industrial organic electrocatalysis

Richard J. Smith, Executive Editor Helvetica Chimica Acta, Wiley-VHCA
Scientific publishing

Program Overview (provisional)

Time	Mo, 28.08.2023	Di, 29.08.2023	Mi, 30.08.2023	Do, 31.08.2023
07:00		Breakfast	Breakfast	Breakfast
08:00	Check in			
09:00		Session 2 with two talks	Session 4 with two talks	Session 5 with two talks
10:00				
11:00	Welcome			
12:00	Lunch	Lunch	Lunch	Lunch
13:00	Opening Lecture			
14:00		Session 3 with two talks		Closing
15:00	Session 1 with two talks	Scientific Publishing	Social Event (Excursion Jungfrau-Region, Schinige Platte, Harder, Thunersee/ Beatenbucht, ...)	
16:00				
17:00				
18:00	Dinner	Dinner		
19:00				
20:00				
21:00	Poster Session	Poster Session	Conference Dinner	
22:00				