

International Summer School on Electrocatalysis and Organic Electrosynthesis 2026

The Summer School 2026 will provide a focused overview of state-of-the-art concepts addressing key challenges in the decarbonization of the chemical sector. Electrochemical processes will be highlighted as a cornerstone to this transition, as they enable the sustainable production of platform and high-value products by using renewable energy sources. Their opportunities and limitations will be critically discussed in direct comparison with established thermal catalysis approaches. Within this framework, the program will explore (catalytic) electrolysis and electrosynthesis routes based on abundant feedstocks such as H₂O, CO₂, N₂, nitrate as well as more complex organic precursors. Particular emphasis will be placed on broadening the perspective beyond cathodic reactions to include anodic transformations, with a focus on integrated electrochemical systems that simultaneously generate high-value products on both electrodes - for example through biomass or plastic valorization at the anode.

The scientific lectures will be complemented by discussions on reactor and electrolyzer design, operational stability under industrially relevant conditions, challenges in standardizing testing protocols, and recent advances in FAIR-compliant data processing and storage.

Speakers from leading academic institutions, including collaborative research centers (NCCR Catalysis, CHEAC, ETOS, GETCO₂), as well as industry, will report on recent progress and emerging trends in this field, while the Summer School will offer ample opportunities for discussion and exchange among participants and lecturers.

Chairs of the Organizing Committee

- *Prof. Matthias Arenz*, University of Bern
- *Prof. Peter Broekmann*, Universität Bern, NCCR Catalysis
- *Prof. Siegfried Waldvogel*, Max-Planck-Institute for Chemical Energy Conversion
- *Dr. Marie-Francine Lagadec*, NCCR Catalysis

Supporters and Sponsors



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ElectroCat26.scg.ch

Swiss Chemical Society (SCS)

International Summer School on Electrocatalysis and Organic Electrosynthesis 2026

August 30 – September 3, 2026
Stoos Lodge, Switzerland



Swiss Chemical Society (SCS)
Marktgasse 32
3011 Bern
info@scg.ch
www.scg.ch



SCS
The Swiss
Chemists' Network
since 1901

Program Overview

	Sun, 30. August	Mon, 31. August	Tue, 1. September	Wed, 2. September	Thu, 3. September
8:30		Lecture 2	Lecture 5	Lecture 8	Lecture 11
9:00		Lecture 3	Lecture 6	Lecture 9	Lecture 12
9:30					
10:00					
10:30		Coffee Break			
11:00		Lecture 4	Lecture 7	Lecture 10	Awards and Closure
11:30					
12:00		Industry Lecture 1	Industry Lecture 2	Industry Lecture 3	Lunch bag
12:30					
13:00		Lunch	Lunch or Picnic on Excursion	Lunch	
13:30					
14:00		Free time for individual discussions	Excursion: a) Fronalpstock hike (1h up, 1h down, or cable car one/both ways) b) boat cruise on the Lake Lucern	Free time for individual discussions	
14:30					
15:00		Break		Break	
15:30	Registration & Welcome	Short Communications Session A		Short Communications Session B	
16:00	Lecture 1				
16:30					
17:00					
17:30					
18:00					
18:30					
19:00	Dinner	Dinner	Dinner		Conference Dinner
19:30					
20:00					
20:30	Get-Together at the bar	Poster Session A	Poster Session B		
21:00					

Registration

Deadline for registration is June 30, 2026

Registration Fees	SCS Member	Non-Member
Students/Postdoc double room	CHF 990	CHF 990
Student/Postdoc, single room	CHF 1'210	CHF 1'210
Senior Participant, single room	CHF 1'250	CHF 1'310

The registration fees cover accommodation (full board) and seminar charges. The number of participants is limited to 75.

Certificate

Each participant will get a certification showing the discussed content and the acquired competences.

Target Audience

The event targets PhD students, Postdocs as well as scientists from industry.

Seminar Location

Stoos Lodge, Stoosplatz 3, 6433 Stoos
<https://stoos-hotels.ch/en/arrival/stoos-lodge/>

Teaching Body

- *Prof. Robert Francke*, LIKAT Rostock, Germany
- *Prof. Fengwang Li*, University of Sydney, Australia
- *Prof. Bertrand Morel*, University of Lille 1 and ORANO Group, Paris, France
- *Prof. Mehtap Oezaslan* and *Dr. Frederic Hasche*, University of Hamburg, Germany
- *Prof. Javier Pérez-Ramírez*, ETH Zurich, NCCR Catalysis, CH
- *Prof. Jan Rossmeisl*, University of Copenhagen, Denmark
- *Prof. Christina Roth*, University of Bayreuth, Germany
- *Dr. Alessandro Senocrate*, EMPA Dübendorf, NCCR Catalysis
- *Prof. Yogesh Surendranath*, MIT Cambridge, United States
- *Prof. Boon Siang Yeo*, NUS, Singapore
- *Prof. Siegfried Waldvogel*, MPI for Chemical Energy Conversion, Germany
- *Prof. Iryna Zenyuk*, UC Irvine, United States