

EuChemS Historical Landmarks Award 2021

Symposium on the EuChemS Historical Landmark Award 2021 that was given to the Jungfrauoch High Altitude Research Station, Switzerland. The Swiss Chemical Society as well as the International Foundation 'High Altitude Research Stations Jungfrauoch and Gornergrat' and its partners are very proud to have received this prestigious award and look forward to sharing with you the activities related to the award ceremony. The celebration consists of a one-day symposium in Bern and the official award ceremony on the Jungfrauoch.

Venue

University of Bern, Department of Chemistry, Biochemistry and Pharmaceutical Sciences
Freiestrasse 3
3012 Bern
Switzerland

Organizing Committee

Prof. Markus Leuenberger, Physikalisches Institut, UniBE, CH
Dr. Emmanuel Mahieu, Université de Liège, Institute d'Astrophysic et de Géophysics, Belgium
Prof. Urs Baltensperger, Paul Scherrer Institute, Villigen, CH
Prof. Silvio Decurtins, Department of Chemistry, Biochemistry and Pharmaceutical Sciences, UniBE, CH
David Spichiger, Swiss Chemical Society

Symposium Office

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Sponsors and Partners

HFSJG High Altitude Research Stations
Jungfrauoch & Gornergrat

EuChemS
European Chemical Society



Swiss Chemical Society (SCS)

EuChemS Historical Landmarks Award 2021
«Chemistry of the Atmosphere»

February 16, 2023, 09.30 - 17.00
University of Bern, Department of Chemistry,
Biochemistry and Pharmaceutical Sciences
Grosser Hörsaal UG 113



Swiss Chemical Society (SCS)
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Program

09.30	<i>Welcome Coffee and Networking</i>
10.00	Welcome messages by Prof. Silvio Decurtins , President HFSJG Foundation, Representative from EuChemS and Representative from FNRS
10.15	Dr. Emmanuel Mahieu , University of Liege, BEL «Remote-sensing of the atmospheric composition at the Jungfrauoch station: an iconic program initiated in the early 1950s»
10.45	Prof. Justus Notholt , University of Bremen, DEU «How does remote sensing work, and what do we learn from the historical observations at the Jungfrauoch?»
11.15	Prof. Bertrand Calpini , MeteoSwiss, CHE «MeteoSwiss on the Jungfrauoch observation site: a world reference for the monitoring of climate change»
11.45	<i>Lunch Break</i>
13.15	Prof. Stefan Brönnimann , University of Bern, CHE «The history of atmospheric ozone measurements and the role of swiss observatories»
13.45	Dr. Stefan Henne , Empa, CHE «Long-term observations of halogenated trace gases at Jungfrauoch for estimating global and regional emission trends»
14.15	Prof. Urs Baltensperger , PSI/ETHZ, CHE «Chemistry, a detective tool in atmospheric aerosol science»
14.45	<i>Coffee Break</i>
15.15	Prof. Margit Schwikowski , PSI/University of Bern, CHE «The international ICE MEMORY initiative»
15.45	Prof. Hans-Werner Jacobi , University of Grenoble, FRA «Interaction between snow and the atmosphere in high latitudes and altitudes: Interplay of physical and chemical processes»
16.15	Dr. Franziska Scholder-Aemisegger , ETHZ, CHE «Multi-platform observations of stable water isotopes in the North Atlantic trades as tracers for the atmospheric circulation at different scales»
16.45	“Small” Ceremony (Award presentation, Video sequence by Dr. Ginette Roland)
17.00	<i>Aperitif</i>

Award Nomination

The Jungfrauoch High Altitude Research Station, Switzerland, was awarded the EuChemS Historical Landmark Award in recognition of the pioneering work and exceptional "liaison réussie" between the research group of Prof. Marcel Migeotte (1912-1992) with collaborators from the University of Liège, Belgium, and the International Foundation of the High Altitude Research Stations Jungfrauoch and Gornergrat (HFSJG), Switzerland. History was made at this alpine site in terms of the first fundamental measurements and early identification of harmful atmospheric constituents, such as anthropogenic greenhouse gases, and evidence of how their presence in our atmosphere has changed over the last 70 years. Our current understanding of atmospheric chemistry and physics in the context of Earth's climate system would not be possible without the visionary approach of asking the right questions, developing cutting-edge instrumentation and forging strong coalitions at a seminal time for atmospheric chemistry.

Registration

- Participation is free of charge. However, registration is mandatory.

Please register on ehla23.scg.ch



100th anniversary of the High-altitude
Research Station

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