

The Swiss Chemical Society

The Swiss Chemical Society (SCS) represents chemists and scientists from chemistry related fields in national and international organizations. The society supports the exchange of scientific and technical know-how and offers corresponding networking possibilities to the academic and industrial community. It has members in more than 50 countries and represents about 2600 individual and institutional members.

Key activities of the SCS include ...

- Scientific events and education courses
- Award programs
- Representation of interests
- Scientific publications

Interested to become a member of the SCS? Visit our website to get more information and to register.

scg.ch/membership

ILMAC Messe

Since 1959, ILMAC has been the sole Swiss industry fair for chemicals and life sciences that depicts all the industrial applications in process and laboratory technology. As a user-oriented trade fair, ILMAC is geared to experts in pharmaceuticals, chemicals, biotechnology, food, drinks, cosmetics and others. Despite this wide range of sectors, ILMAC is still of particularly manageable proportions (it can be visited in a single day), is close to hand (staged in the midst of the pharmaceutical and chemical industries) and depicts the Swiss market in its entirety.

ilmac.ch



SCS
Swiss Chemical
Society

Swiss Chemical Society (SCS)
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SusChem Switzerland

SusChem Switzerland is a platform for sustainable chemistry in Switzerland to link interested stakeholders from industry, academia and the government and to coordinate and support initiatives towards a more sustainable economy. It's the Swiss element within SusChem Europe that was officially launched in 2004 as a European Commission supported initiative.

SusChem's vision is for a competitive and innovative Europe where sustainable chemistry and biotechnology together provide solutions for future generations.

SusChem.ch | SusChem.org

Swiss Green & Sustainable Chemistry Days

We are convinced that sustainable chemistry will inspire a change of pace and the new mind-set that society needs in order to become more sustainable, smart and inclusive.

The Swiss Green & Sustainable Chemistry Days 2019 will focus on sustainable solutions to society's big challenges and the contributions that chemical sciences can and must provide.

ILMAC 2019 and its focus topic "Green & Sustainable Technology", ensure a perfect framework to meet, discuss and define follow-up action. The program includes:

- SusChem Lunch Symposia
- SusChem Annual Event (evening session)
- Discussion roundtables
- Women in Chemistry Inauguration Gala Night
- ILMAC exhibitor talk challenge
- Project exhibition
- SCS Seminar on Green & Sustainable Chemistry
- SCS coffee/aperitif bar

See detailed program items in this flyer or consider the website for more information.

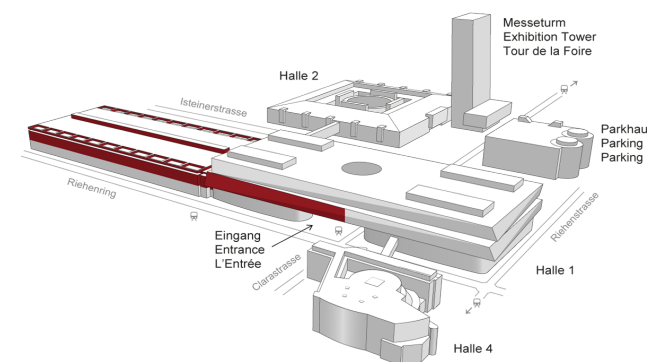


scg.ch/ilmac

Location

Messe Basel, Messeplatz 10, 4055 Basel, Switzerland

ilmac.ch > Visitors



Access and Registration

Participation for all activities (except the SCS Seminar) is free of charge. To enter ILMAC register on the fair website and enter the promotion code **SCS-SUSCHEM**.

Each day visit requires a separate registration.

Organizing Committee

Dr. Edouard Godineau, Syngenta
Dr. Fabrice Gallou, Novartis
Dr. Maud Reiter, Firmenich
Prof. Paul Dyson, EPFL Lausanne
Prof. Christophe Copéret, ETH Zürich
Dr. Hans Peter Lüthi, SCS Foundation
David Spichiger, Swiss Chemical Society
Michael Bonenberger, Messe Schweiz
Simon Honegger, Messe Schweiz

Contact

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Swiss Green & Sustainable Chemistry Days 2019

ILMAC 2019, Messe Basel
September 24-27, 2019

scg.ch/ilmac/2019

ILMAC

SUSCHEM^{CH}
Plateforme Technologique Européenne
pour la Chimie Durable

SCS
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Program Tuesday, 24. September 2019

Exhibitor Talks

14.00 6 slots à 15min, 2 slots à 30min
Open category, no specific topic

Program Wednesday, 25. September 2019

SusChem Lunch Symposium, Part 1

- 10.30 **Prof. John Warner**, Warner Babcock Institute for Green Chemistry (USA)
«Green Chemistry: The Molecular Mechanisms of Sustainability and Innovation»
- 11.00 **Prof. Matthias Beller**, University of Rostock (GER)
«Precious Catalysis with Non-Noble Metal Catalysts»
- 11.30 **Prof. Rebecca Buller**, ZHAW Wädenswil
«Harnessing Nature: Biocatalysis for Industrial Applications»
- 12.00 **Prof. Jeremy Luterbacher**, EPFL Lausanne
« Chemical Functionalization Facilitates the Production of Renewable Chemicals from Plants»
- 12.30 **Dr. Benjamin Martin**, Novartis Pharma AG
«Continuous Manufacturing as an Enabling Tool with Green Credentials in Early-Phase Pharmaceutical Chemistry»
- 13.00 Lunch, Networking

Exhibitor Talks

14.00 6 slots à 15min, 2 slots à 30min
Topics: Lab automation, big data, industry 4.0, artificial intelligence

Swiss Women in Chemistry Inauguration Gala Night

- 17.30 Registration & Welcome Drinks
- 18.00 Career Women in Chemistry presentations:
Dr. Maria Inès Velazco, Consultant at MIV Senses, former SVP R&D at Firmenich
Dr. Leslie A. Fendt, AI integrated Strategy Leader, Global Launch Leader, Ulcerative Colitis at Hoffmann-La Roche
- 18.30 Gala Night
Senior executives, junior scientists and all level in-between are welcome to join. The network is open to all female researchers in the field of chemistry, life science and biotech from academia, industry and government.

Program Thursday, 26. September 2019

SusChem Lunch Symposium, Part 2

- 10.30 **Prof. James Clark**, University of York (UK)
«Setting the Scene, the 12 Principles of G&SC»
- 11.00 **Dr. Georg Wuitschick**, Roche
«ChemPager: Greener Processes through Data Analysis»
- 11.30 **Dr. Martin Vollmer**, Clariant
«Sustainability fuels Innovation»
- 12.00 **Dr. Nicoletta Piccolrovazzi**, Dow Olympics
«Sustainability Application concepts»
- 12.30 **Dr. Juliette Secot-Crevet / Dr. Gilles Oddon**, Firmenich
«Firmenich EcoScent Compass™: First Holistic Fragrance Sustainability Measurement»
- 13.00 Lunch, Networking

Exhibitor Talks

14.00 6 slots à 15min, 2 slots à 30min
Topics: Resource efficiency (reduce of energy, feedstock, solvents, CO₂, waste) and lab safety

SusChem Discussion Roundtables

16.00 Six Roundtables to discuss and find solutions for current and future challenges.
Meet experts, potential partners and friends from industry academia and government.

SusChem Evening Session

- 18.00 Welcome and Opening of the Gala
Dr. Alain De Mesmaeker, Syngenta, SCS President
Dr. Matthias Leuenberger, Novartis Pharma AG, President of scienceindustries
- 18.10 **Prof. John Warner**, Warner Babcock Institute for Green Chemistry (USA)
«Green Chemistry: The Molecular Mechanisms of Sustainability and Innovation»
- 18.30 **Dr. Rafael Cayuela**, Dow Chemicals
«The Chemical Industry under the 4th Industrial Revolution»
- 19.00 Panel Discussion: J. Warner, Univ. of Massachusetts; R. Cayuela, Dow Chemicals; N. Piccolrovazzi, Dow Olympics; M. Vollmer, Clariant; J. Gonzalez-Valero, Syngenta; J. Clarc, entrepreneur.
Moderator: B. Magarinos-Ruchat, Firmenich
- 19.45 Networking, post panel discussions
- 20.30 End of the evening session

Program Friday, 27. September 2019

SusChem Lunch Symposium: Highlights from UAS

- 10.30 **Prof. Roger Marti**, HEIA Fribourg
«Ionic Liquids – from Green Solvents to Engineering Fluids; 10 Years of Research at ChemTech»
- 11.00 **Prof. Urs Baier**, ZHAW Wädenswil
«Biological Methanation: a chance as well as a challenge for CO₂ upgrading»
- 11.30 **Prof. Wolfgang Riedl**, FHNW Muttentz
«In-situ extraction of carboxylic acids out of fermentations broths using membrane contactors: A more sustainable pathway to platform chemicals (without waste streams)»

«Swiss Biotech Success Stories»

- 12.00 **Dr. Michael Altorfer**, Swiss Biotech Association
The recognition was awarded to:
- Biogen
 - Glycart (now Roche Glycart)
 - Okairos
 - Selexis
 - Vifor Fresenius Medical Care Renal Pharma

Dr. Max Lüthi Award Ceremony 2019 and Lectures

- 12.30 Award Ceremony: David Spichiger, SCS Executive Director and Hans Peter Lüthi, Director of the SCS Foundation
- 12.35 **Ms. Sandra Witschard**, ZHAW
«Voxelated Planar Spheroid Tissue Assembly»
- 12.55 **Mr. Ivan Cornu**, HEIA-FR
«Synthesis of New Pinene-Phenanthroline and Pinene-Terpyridine Type Ligands»

SCS Seminar 'Green & Sustainable Chemistry'

Wed, 25.09.2019, 10.00h – Fri, 27.09.2019, 13.30h
The SCS Seminar for PhD students, Postdocs and junior PM from industry provides an integrated training program:

- SusChem Lunch Symposia as expert inputs
- Workshops with the lecturers
- Networking at the roundtables and the gala night
- Training in problem solving and presentation skills

More information and registration on scg.ch/ilmac/seminar

ILMAC Exhibitor Talk Challenge

Apply for a short presentation (15min or 30min) in the ILMAC forum on Tuesday, Wednesday or Thursday afternoon and present your contribution to a more sustainable world!

- Applications are welcome from ILMAC exhibitors
- Application deadline is June 30, 2019
- The best 3 talks will be awarded the G&SC ILMAC Award
- Apply on scg.ch/ilmac/exhibitor-talks

Project Exhibition

Exhibition at the booth of the SCS (hall 1.1) with joint initiatives from Universities of Applied Sciences and industrial partners. Get in contact with the project leaders, learn about their experience, check out test plants /gadgets and discuss about potential collaborations.

- Haute Ecole Spécialisée de Suisse occidentale HES-SO School of Engineering and Architecture of Fribourg
- Fachhochschule Nordwestschweiz, FHNW Institute of Chemistry and Bioanalytic
- Zurich University of Applied Sciences, ZHAW Institute of Chemistry and Biotechnology

SCS Network Village

Inform yourself about the Swiss Chemical Society and its activities as well as its ILMAC partners (hall 1.1):

- Swiss Chemical Society
- SusChem Switzerland
- Haute Ecole Spécialisée de Suisse occidentale, HES-SO
- Fachhochschule Nordwestschweiz, FHNW
- Zurich University of Applied Sciences, ZHAW
- scienceindustries
- Schweiz. Koordinationsstelle für Biotechnologie, SKB
- Swiss Biotech Association, SBA
- Schweizerischer Verband Diplomierter Chemiker FH, SVC
- Swiss Process and Chemical Engineers, SGVC

SCS coffee/aperitif bar

Meet at the SCS coffee/aperitif bar and get in contact with members of affiliated communities.



scg.ch/ilmac