

## Ilmac Basel

Ilmac has its origins in the Swiss trade fair for international laboratory, measurement technology and automation in chemistry, which has been taking place since 1959. Today, the chemical and life science brand connects the industry both physically and digitally. With the performance promise "Inspiring the Future of Chemistry and Life Sciences", it encourages the development of new ideas and solutions and presents trends and innovations by research and industry in important locations such as Basel and Lausanne.

The SCS, as the initial founder of the fair, is partnering with Messe Schweiz and coordinates the collaboration with society partners and the Universities of Applied Sciences. The SCS and its partner societies, SVC and SBA, are also the official organizer of the Ilmac Conference.

## Swiss Chemical Society Booth and its Partners

The SCS bar offers a unique platform for networking with coffee in the morning, lunch for the Ilmac Conference participants and aperitifs after the lectures. Don't miss to visit us.

## Ticket and Registration

Get your ticket to enter the fair for free via the following link:

<https://scg.ch/ilmac-ticket>  
(promotion code: scs-ilmac23)

There is no additional registration necessary for the Ilmac Conference or the SWC Networking Event.



## Ilmac Conference 2023: Chemical Sciences as Driving Forces for a Sustainable Future

Chemical sciences and its related technologies are one of the main drivers to reduce the carbon footprint in industrial production and have a tremendous impact to reach the goal of a "net zero society". Energy saving, waste reduction or using more sustainable raw materials and catalysts are only some examples that need to be improved to run a circular economy. The Ilmac Conference will focus each day on a specific topic related to sustainability and provides lectures, contributed talks, discussion forums and networking opportunities for interested community members from chemistry, pharma and biotech.

*«The ILMAC Conference is a must-attend event, held in Basel at the heart of R&D innovation, which promises to be a groundbreaking conference uniting visionaries and experts in sustainability, digital, and chemical technologies. This year, the Swiss Chemical Society and its partners are offering an extraordinary opportunity for all the academics and industrial communities, to discover cutting-edge R&D advancements and unlock the future of a greener, smarter world at this unparalleled gathering of forward-thinkers»*

*Dr. Claudio Battilocchio,  
Syngenta and Co-Chair of the Ilmac Conference*

## Organizing Committee of the Ilmac Conference and the Society Activities

Dr. Fabrice Gallou, Novartis  
Dr. Claudio Battilocchio, Syngenta  
Prof. Roger Marti, HEIA Fribourg  
Dr. Torsten Luksch, Syngenta  
Dr. Michael Altorfer, SBA  
Mr. Marc Oliver Bürgi, SVC/Chemengineering  
Mr. David Spichiger and Céline Wittwer, SCS  
Ms. Céline Futterknecht, Messe Schweiz/Ilmac

<https://scg.ch/ilmac>  
<https://ilmac.ch>

# ilmac.

INSPIRING THE FUTURE OF  
CHEMISTRY AND LIFE SCIENCES.

## Ilmac 2023

Inspiring the Future of Chemistry  
and Life Sciences

26.-28. September 2023

Messe Basel (Switzerland)

## Ilmac Conference 2023

«Chemical Sciences as Driving Forces for  
a Sustainable Future»

3 Symposia with invited and contributed  
lectures as well as startup contributions.

Free ticket on  
[scg.ch/ilmac-ticket](https://scg.ch/ilmac-ticket)  
SCS promo code:  
*scs-ilmac23*



SCS  
Swiss Chemical  
Society

## Conference Day 1, September 26, 2023 Lab Digitalization

- 09.15 Welcome Coffee at the SCS Booth  
10.00 Introduction Day 1  
10.15 **Dr. Nessa Carson**, AstraZeneca, Macclesfield, UK  
«No such thing as magic! Enabling chemical insights through user experience»  
10.45 **Dr. Arndt Finkelmann**, Syngenta Crop Protection  
«Data as the Fuel for Lab Automation»  
11.15 **Dr. Trixie Wagner** and **Daniel Meyer**, Novartis Pharma  
«Lab Digitalization: Paving the Way for the Next Generation of Synthesis»  
11.45 **Dr. Nick Lynch**, Curlew Research / BioExcel Center of Excellence for Computational Biomolecular Research, / Open Phacts Foundation, UK  
«Digital Lab of the future - current challenges & looking ahead»  
12.15 Lunch and networking  
13.30 Start-up Session (6x 3min presentations + Q&A)  
14.00 **Zishan Butt**, Bachem AG, Bubendorf  
«From Manual to Digital: Enhancing Efficiency and Accuracy in Lab Processes at Bachem AG»  
14.30 Break  
15.00 **Prof. Beatriz Garcia de la Torre**, KwaZulu-Natal Research and Innovation Sequencing Platform, KRISP, Durban (ZA)  
«Refractive Index as a PAT Tool for Peptide and Oligonucleotide Synthesis»  
15.30 **Dr. Jonathan Brand**, Givaudan Suisse SA, Vernier  
«PAT, an accelerator for industrialization in Fragrance and Beauty industry»  
16.00 **Dr. Barbara Pföss**, Institut Straumann AG  
«From Dental Implants to Digital Smile Design»  
16.30 Aperitif  
17.00 Swiss Women in Chemistry (SWC) Evening

## Conference Day 2., September 27, 2023 Chemical Technologies

- 09.15 Welcome Coffee at the SCS Booth  
10.00 Introduction Day 2  
10.15 **Prof. Oliver Kappe**, University of Graz, AUT  
«Going with the Flow – The Use of Continuous Processing for API Manufacturing»  
10.45 **Dr. Marc André Müller**, DSM-Firmenich  
«Towards More Efficient and Sustainable Processes in the Fine Chemical Industry»  
11.15 **Dr. Camille Le Chapelain**, Syngenta Crop Protection  
«Engineered Halogenases for the Functionalization of Agrochemicals»  
11.45 **Dr. Ludovic Gremaud**, HEIA Fribourg  
«Mechanochemistry an Eco-efficient strategy for chemical production»  
12.15 Lunch and networking  
13.30 Start-up Session (10x 3min presentations + Q&A)  
14.15 **Lorenzo Oss**, VTU Engineering Italia Srl  
«Green Engineering: How and why sustainability can become a driving factor in the design of new chemical plants?»  
14.30 Break  
15.00 **Tobias Bachmann** & **Eric Schaller**, Beckhoff Automation AG (Schweiz)  
«PC-based control: From hygienic laboratory transport solutions to reliable and connected process control»  
15.15 **Finn Steinemann**, Fluitec mixing + reaction solutions  
«Flow calorimetry as a scale-up tool for highly energetic flow processes»  
15.30 **Dr. Georg Wuitschik**, F. Hoffmann-La Roche, Basel  
«RoSL: An HTE-Workflow at Roche, Built from the Ground Up»  
16.00 **Dr. Fabrice Robiveux**, Firmenich SA, Satigny, Geneva  
«EcoScent Compass™, a Holistic Tool to Measure a Fragrance's Sustainability Footprint»  
16.30 Aperitif and IImac Networking Event

## Conference Day 3, September 28, 2023 New Biotech Methods

- 09.15 Welcome Coffee at the SCS Booth  
10.00 Introduction Day 3  
10.15 **David Lyon** or **David Hampton**, Pheida: Integrated biotech systems  
«White biotech as a green technology»  
10.45 **Dr. Wolfgang Minas**, Chemengineering  
«Trends in Industrial Biotechnology»  
11.15 **Dr. David Nippa**, F. Hoffmann-La Roche AG, Basel, CH  
«Enabling Late-stage Drug Diversification by High-Throughput Experimentation with Geometric Deep Learning»  
11.45 **Dr. Laura Leemans**, Novartis Pharma AG  
«Towards more sustainable and efficient manufacturing routes – a glimpse at flow and batch processes using immobilized lipases»  
12.15 Lunch and networking  
13.30 Start-up Session (10x 3min presentations + Q&A)  
14.15 **P. Vollenweider**, MedScienceSwiss AG  
«A significant new way to eliminate antibiotic-resistant bacteria»  
14.30 Break  
15.00 **Prof. Oya Tagit**, School of Life Sciences FHNW, Muttenz  
«Immunomodulating Nanomedicines – From Bench to Bedside»  
15.30 **Dr. Alain Vertès**, NxR Biotechnologies GmbH, Basel  
«Biorefineries for Business Sustainability in the Era of Climate Change: New Chemistries, Commodities, New Materials»  
16.00 Aperitif  
17.00 End of IImac 2023



**IImac**  
INSPIRING THE FUTURE OF  
CHEMISTRY AND LIFE SCIENCES.