

58th 'Bürgenstock Conference' SCS Conference on Stereochemistry

Brunnen, May 4-8, 2025

President	José Luis Mascareñas	Universidade de Santiago de Compostela
Vice President	Paolo Melchiorre	<i>Alma Mater Studiorum</i> - Università di Bologna
Guest of Honor	Miquel A. Pericàs	Universitat Rovira i Virgili, Tarragona and the Royal Academy of Sciences and Arts of Barcelona

Organizing Committee: The President, Rebecca Buller, Karl Gademann, Fabrice Gallou,
Francesca Paradisi, Lionel Saudan, Jérôme Waser.

Former Presidents

1965	A. S. Dreiding	Switzerland	1995	H. Schwarz	Germany
1966	D. Arigoni	Switzerland	1996	F. Diederich	Switzerland
1967	J. Jacques	France	1997	S. V. Ley	United Kingdom
1968	J. Sicher	Czechoslovakia	1998	M. T. Reetz	Germany
1969	A. Kjaer	Denmark	1999	J. de Mendoza	Spain
1970	E. Havinga	The Netherlands	2000	J. F. Normant	France
1971	H. Musso	Germany	2001	A. Vasella	Switzerland
1972	W. D. Ollis	United Kingdom	2002	L. Addadi	Israel
1973	R. H. Martin	Belgium	2003	J.-E. Bäckvall	Sweden
1974	J. M. Lehn	France	2004	H. Waldmann	Germany
1975	J. Dale	Norway	2005	A. Krief	Belgium
1976	Sir Alan R. Battersby	United Kingdom	2006	B. Kräutler	Austria
1977	P. Pino	Switzerland	2007	S. Zard	France
1978	H. A. Staab	Germany	2008	D. Hilvert	Switzerland
1979	Sir Derek Barton	United Kingdom	2009	B. L. Feringa	The Netherlands
1980	J. D. Dunitz	Switzerland	2010	E. P. Kündig	Switzerland
1981	J. Mathieu	France	2011	J. K. M. Sanders	United Kingdom
1982	R. Huisgen	Germany	2012	A. Pfaltz	Switzerland
1983	Sir Jack E. Baldwin	United Kingdom	2013	L. De Cola	France & Germany
1984	L. Ghosez	Belgium	2014	A. M. Echavarren	Spain
1985	M. Julia	France	2015	A. Togni	Switzerland
1986	E. Winterfeldt	Germany	2016	P. Knochel	Germany
1987	D. Seebach	Switzerland	2017	B. Meijer	The Netherlands
1988	W. N. Speckamp	The Netherlands	2018	I. Marek	Israel
1989	R. Scheffold	Switzerland	2019	V. Gouverneur	United Kingdom
1990	<i>no conference</i>	<i>Hotel reconstruction</i>	2021	<i>e-Bürgenstock</i>	
1991	H. Ringsdorf	Germany	2022	J. Cossy	France
1992	G. Ourisson	France	2023	A. Fürstner	Germany
1993	W. Oppolzer	Switzerland	2024	E. M. Carreira	Switzerland
1994	D. N. Reinhoudt	The Netherlands			

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Sunday May 4, 2025

Arrival

16:00 - 18:30

Registration Mythen-Saal at Seehotel Waldstätterhof Brunnen

18:30

Dinner at Seehotel Waldstätterhof (Fronalp-Saal)

Sunday – Thursday:

All lectures will be in Seehotel Waldstätterhof (Mythen-Saal)

Sunday Evening

Moderator: **Paolo Melchiorre**

20:00 David MacMillan

Photocatalysis in the Discovery and Invention of New Technologies for Chemistry and Biology

ca. 21:30

Meet and greet (Fronalp-Saal)

Monday May 5, 2025

Moderator: **Rebecca Buller**

09:00 Claudia Höbartner

Molecular architectures and mechanisms of RNA-alkylating ribozymes

10:30

Coffee Break

11:00 Andrey Klymchenko

Chemistry of dyes at the nanoscale to shed light on biological systems

12:30

Lunch at Seehotel Waldstätterhof (Fronalp-Saal)

Monday Afternoon

Moderator: **Karl Gademann**

14:00 Jonathan Burton

The Oxonians' Oxoniums – Oxonium Ions, Natural Products and Total Synthesis

15:30

Coffee Break

Moderator: **Jérôme Waser**

16:00 Helvetica Chimica Acta President Special Issue (*Mythen-Saal*)

16:10 Short presentations to Poster Session I (*Mythen-Saal*)

17:00 Poster Session I (*Seehotel Waldstätterhof Rooms 101 and 106*)

18:30

Dinner at Seehotel Waldstätterhof (Fronalp-Saal)

Monday Evening

Moderator: **Karl Gademann**

20:00 Rebecca T. Ruck

Investments in Enabling Technologies to Drive the MSD portfolio

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Tuesday, May 6, 2025

Moderator: **Gilles Gasser**

09:00 **Bert Weckhuysen**

Shining Light on Catalytic Processes to Make the Chemicals and Fuels of the Future

10:30

Coffee Break

11:00 **Diego Peña**

When Organic Chemistry Meets Surface Science: from Nanographene Characterization to Single-Molecule Reactions

12:30

Group photo (time and location according to instructions)

12:40

Lunch at Seehotel Waldstätterhof (Buffet Lunch in the Rütli Saal)

18:00

Dinner at Seehotel Waldstätterhof (Fronalp-Saal)

Tuesday Evening

20:00

Magical Moments: Illusions beyond Chemistry (Mythen Saal)

ca. 21:30

Meet and greet (Fronalp-Saal)

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Wednesday, May 7, 2025

Moderator: **Olalla Vázquez**

09:00 **Anat Milo**

Our adventures in Data Science and Organocatalysis

10:30

Coffee Break

11:00 **Eva Hevia**

Unleashing the power of alkali-metal mediation for arene functionalisation and catalysis

ca. 12:30

Lunch at Seehotel Waldstätterhof (Fronalp-Saal)

Wednesday Afternoon

Moderator: **Olalla Vázquez**

14:00 **Kathrin Lang**

Expanding the genetic code - new chemistries for biology

15:30

Coffee Break

Moderator: **Jérôme Waser**

16:00

Short presentations to Poster Session II (*Mythen-Saal*)

17:00

Poster Session II (*Seehotel Waldstätterhof Rooms 101 and 106*)

18:30

Dinner at Seehotel Waldstätterhof (Fronalp-Saal)

Wednesday Evening Moderator: **Erick M. Carreira**

20:00 **Shu-Li You**

Stereoselective transformations of aromatics and olefins

ca. 21:30

Farewell get-together (Fronalp-Saal)

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Thursday, May 8, 2025

Moderator: **Francesca Paradisi**

09:00 Belén Martín-Matute

C–H Bond Functionalizations and Activations for Selective Organic Synthesis - Applications to LSF

10:30

Coffee Break

11:00 Todd Hyster

Emergent Mechanisms in Photoenzymatic Catalysis

12:30

Announcements/Next Bürgenstock Conference/Farewell

12:40

Lunch at Seehotel Waldstätterhof (Buffet Lunch in the Rütli Saal)

Following lunch

Departure