

57<sup>th</sup> 'Bürgenstock  
Conference'

Brunnen, April 28<sup>th</sup> to May 2<sup>nd</sup>, 2024



<b>President</b>	<b>Erick M. Carreira</b>	(ETH Zürich)
<b>Vice President</b>	<b>José Luis Mascareñas</b>	(Universidade de Santiago de Compostela)
<b>Guest of Honor</b>	<b>Scott E. Denmark</b>	(University of Illinois, Urbana-Champaign)

Organizing Committee: The President, Karl Gademann, Fabrice Gallou, Francesca Paradisi, Maud Reiter, Thomas Ward, Jérôme Waser.

### Former Presidents

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

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**Sunday April 28<sup>th</sup>, 2024**

*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: **José Luis Mascareñas**

20:00 **Jack Szostak**

The Surprising Chemistry of Nonenzymatic RNA Replication

*ca. 21:30*

*Meet and greet (Fronalp-Saal)*

**Monday April 29<sup>th</sup>, 2024**

Moderator: **Konrad Tiefenbacher**

09:00 **Charlotte Williams**

Opportunities for Catalysis in Making and Recycling Polymers

10:30

*Coffee Break*

11:00 **Niveen Khashab**

Design and Synthesis of Supramolecular Hosts: From Energy Intensive Separations to Soft Robotics

12:30

*Lunch at Seehotel Waldstätterhof (Fronalp-Saal)*

**Monday Afternoon**

Moderator: **Yamuna Krishnan**

14:00 **Rebecca Buller**

Engineering Protein Catalysts for Synthetic Applications

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*)

16:30 Poster Session I (*Seehotel Waldstätterhof Rütli-Saal*)

18:30

*Dinner at Seehotel Waldstätterhof (Fronalp-Saal)*

**Monday Evening**

Moderator: **Yamuna Krishnan**

20:00 **Corey Stephenson**

Redox catalysis strategies for chemical synthesis

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**Tuesday, April 30<sup>th</sup>, 2024**

Moderator: **Louis-Charles Campeau**

09:00 **Mariola Tortosa**

Catalysis to increase complexity: Stereoselective synthesis of sp<sup>3</sup>-rich building blocks.

10:30

*Coffee Break*

11:00 **Sereina Riniker**

Conformational flexibility of (bio)molecules: Combining experiments and computation

12:30

*Group photo (time and location according to instructions)*

12:40

*Lunch at Seehotel Waldstätterhof (Fronalp-Saal)*

18:00

*Dinner at Seehotel Waldstätterhof (Fronalp-Saal)*

**Tuesday Evening**

Moderator: **Karl Gademann**

20:00 **Corinna Schindler**

Strategies for Cycloadditions between Carbonyls, Imines, and Alkenes

ca. 21:30

*Meet and greet (Fronalp-Saal)*

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**Wednesday, May 1<sup>st</sup>, 2024**

Moderator: **Thomas Ward**

09:00 **Timothy Noël**

From Batch to Flow: Advancing Synthetic Organic Chemistry through Technological Innovation

10:30

*Coffee Break*

11:00 **Manuel Alcarazo**

Sulfuranes and sulfonium salts: practical alternatives to hypervalent I(III) reagents

ca. 12:30

*Lunch at Seehotel Waldstätterhof (Fronalp-Saal)*

**Wednesday Afternoon**

Moderator: **Marcos G. Suero**

14:00 **Antonia Stepan**

Vignettes on Digital Chemistry in Drug Discovery

15:30

*Coffee Break*

Moderator: **Jérôme Waser**

16:00

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

16:30

Poster Session II (*Seehotel Waldstätterhof Rütli-Saal*)

18:30

*Dinner at Seehotel Waldstätterhof (Fronalp-Saal)*

**Wednesday Evening** Moderator: **Marcos G. Suero**

20:00 **Franziska Schönebeck**

Accelerating Advances in Catalysis: Concepts, Insights, Strategies

ca. 21:30

*Farewell get-together (Fronalp-Saal)*

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**Thursday, May 2<sup>nd</sup>, 2024**

Moderator: **Alois Fürstner**

09:00 **Thomas Magauer**

Natural Product Synthesis: An Odyssey - Challenges and Opportunities

10:30

*Coffee Break*

11:00 **Bill Morandi**

New concepts for atom and functional group transfer

12:30

Announcements/Next Bürgenstock Conference/Farewell

12:40

*Lunch at Seehotel Waldstätterhof (Fronalp-Saal)*

*Following lunch*

*Departure*