

56th 'Bürgenstock
Conference'

Brunnen, May 7 - May 11, 2023



President **Alois Fürstner** (MPI-Mülheim an der Ruhr)
Vice President **Erick Carreira** (ETH Zürich)

Guest of Honor **Andreas Pfaltz**

Organizing Committee: The President, Fabrice Gallou, Cristina Nevado, 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	2020	<i>no conference</i>	
1992	G. Ourisson	France	2021	<i>e-Bürgenstock: Presidents meet Young Fellows</i>	
1993	W. Oppolzer	Switzerland	2022	J. Cossy	France

see also: <http://www.stereochemistry-buergenstock.ch/>

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Sunday, May 7th, 2023

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: **Erick Carreira**

20:00 **Tanja Gaich**

The Total Synthesis of Cyclotaxanes - a Deconvolution Approach

ca. 21:30

Post-lecture get-together (Fronalp-Saal)

Monday, May 8th, 2023

Moderator: **Eva Hevia**

09:00 **Ryan Gilmour**

Illuminating Alkene Isomerisation: From Basic Principles to Application in Stereocontrolled Polyene Synthesis

10:30

Coffee Break

11:00 **Sunsuke Chiba**

Synthetic Chemistry with Main Group Metal Hydrides

12:30

Lunch at Seehotel Waldstätterhof (Fronalp-Saal)

Monday Afternoon

Moderator: **Rebecca Buller**

14:00 **Emily Balskus**

Deciphering the Human Microbiome with Chemistry

15:30

Coffee Break

16:00

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: **Rebecca Buller**

20:00 **Petra Schwille**

Minimal Cell Division by Design

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Tuesday, May 9th, 2023

Moderator: **Don Hilvert**

09:00 **Serena deBeer**

Making and Breaking Bonds: Spectroscopic Studies of Energy
Converting Enzymes

10:30

Coffee Break

11:00 **Joseph Moran**

A Metabolic Approach to the Origin of Life

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

20:00

Evening Concert

ca. 21:15

Post-concert get-together (Fronalp-Saal)



Wednesday, May 10th, 2023

Moderator: **Manuel Alcarazo**

09:00 **Tim Donohoe**

To Leave and Then Return?
Hydrogen Borrowing Catalysis and Organic Synthesis

10:30

Coffee Break

11:00 **Sukbok Chang**

C-H Amidation Reactions via Nitrenoid Transfer:
Validation of Its Intermediacy

ca. 12:30

Lunch at Seehotel Waldstätterhof (Fronalp-Saal)

Wednesday Afternoon

Moderator: **Edouard Godineau**

14:00 **Margaret Faul**

Innovative Strategies in the Development of Novel Therapeutics

15:30

Coffee Break

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: **Edouard Goineau**

20:00 **Ryan Shenvi**

Natural Product Synthesis Through the Lens of Informatics

ca. 21:30

Farewell get-together (Fronalp-Saal)

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Thursday, May 11th, 2023

Moderator: **Janine Cossy**

09:00 **Didier Bourissou**

Gold, a Noble but Reactive Metal, and a Unique Catalyst!

10:30

Coffee Break

11:00 **Frank Neese**

Why it is Fun to be a Theoretician Working in Catalysis

12:30

Thank/Next BC

12:40

Lunch at Seehotel Waldstätterhof (Fronalp-Saal)

Individual

Departure