



27th Solvay Conference on Chemistry "Exploring Frontiers in Chemistry"

Brussels, October 9-11th, 2025

Conference Program

Ben Feringa (Chair), Helma Wennemers (Vice-chair)

Wednesday 8 October 2025

19:30 Buffet dinner at the Plaza Hotel

Thursday 9 October 2025

09:00 – 09:40 Welcome addresses by Marc Henneaux (Executive director of the Solvay Institutes), Yves Geerts (Director of the Solvay Institutes for Chemistry) and Opening Session by Ben Feringa, (Chair of the conference).

09:40 – 10:20 Coffee break

Session 1 ***Chemical Complexity: From Materials to Complex Order***
Chairs: Takuzo Aida and Omar Yaghi
(Auditeurs: Véronique Van Speybroeck - Carmela Aprile)

10:20 – 11:30 Introductory statement by chairs of the session
Statements: Andrew Goodwin, Patricia Horcajada, Bert Meijer, Akif Tezcan, Vivian Yam

11:30 – 13:00 Discussion

13:00 – 14:30 Lunch

Session 2 ***Emerging Methodology: Sustainable Synthesis & Photoredox Catalysis***
Chair: David MacMillan
(Auditeurs: Cédric Theunissen - Ludovic Troian-Gautier)

14:30 – 15:50 Introductory statement by chair of the session
Statements: Thorsten Bach, Matt Gaunt, Todd Hyster, Jim McCusker, Franziska Schoenebeck, Zhiwei Zuo

15:50 – 16:20	Coffee break
16:20 – 17:50	Discussion
19:30	Reception at Rooftop 58 *Meeting in the lobby of the hotel at 19:10

Friday 10 October 2025

Session 3

Exploring the Chemistry-Biology Interface

Chair: Helma Wennemers

(Auditeurs: Han Remaut - Chloé Martens)

09:00 – 10:10	Introductory statement by chair of the session Statements: Shankar Balasubramanian, Emily Balskus, Dorothea Fiedler, Peter Seeberger, Hiroaki Suga
10:10 – 10:40	Coffee break
10:40 – 12:10	Discussion
12:10 – 12:25	Group Photo
12:25 – 14:00	Lunch

Session 4

The Lab of the Future: AI, Robotics, Automation

Chairs: Andy Cooper and Frank Glorius

(Auditeurs: Yannick De Decker - Mercedes Alonso-Giner)

14:00 – 15:10	Introductory statement by chairs Statements: Jacqui Cole, Kim Jelfs, Klavs Jensen, Berend Smit, Felix Strieth-Kalthoff
15:10 – 15:40	Coffee break
15:40 – 17:10	Discussion
18:45	Reception at the Solvay's *Meeting in the lobby of the hotel at 18:45

Saturday 11 October 2025

Session 5

Chemistry in Confined Space

Chairs: Joanna Aizenberg and Thomas Ebbesen

(Auditeurs: Jeremy Harvey - Yoann Olivier)

09:00 – 10:10	Introductory statement by chairs Statements: Stephen Mann, Angel Rubio, Anoop Thomas, Bettina V. Lotsch, Lauren Zarzar
10:10 – 10:40	Coffee break
10:40 – 12:10	Discussion
12:10 – 14:00	Lunch

Session 6

Dynamic Chemical Systems

Chairs: Stefan Hell and Bert Weckhuysen

(Auditeurs: Sara Bals - Françoise Remacle)

14:00 – 15:10	Introductory statement by chairs Statements: Arne Gennerich, Peng Chen, Beatriz Roldan, Peidong Yang, Ahmet Yildiz
15:10 – 15:50	Coffee break
15:50 – 17:20	Discussion
17:20 – 17:30	Farewell address
19:30	Banquet at the Plaza Hotel

END OF CONFERENCE