

Schedule for the
Solvay Workshop: "The Interplay of Molecules and Membranes"

Taking place at the Université libre de Bruxelles, Campus de la Plaine (Metro 5, Delta)
[Building NO \(yellow area\)](#) - 5th Floor - Solvay room

Monday 28 April 2025

9h00-9h30	<i>Registration and coffee</i>	
9h30-9h45	Welcome and Introduction to the Solvay Institutes	Hennie Valkenier Yves Geerts
9h45-12h05	Session 1: The Interaction between synthetic molecules and membranes and the Mobility of molecules in membranes	Phil Williamson (intro) Martin Hof Gerhard Gröbner Werner Nau
12h05-13h30	<i>Lunch</i>	
13h30-15h30	Session 2: Synthetic transport systems and their applications	Hennie Valkenier (intro) Matt Langton Javier Montenegro Roberto Quesada
15h30-16h00	<i>Coffee break</i>	
16h00-17h20	Solvay Colloquium (Session 2 continued)	Phil Gale ECR: Aaron Torres Huerta
17h30-20h00	Poster session, with Belgian beers and cheese	

Tuesday 29 April 2025

9h00-9h30	<i>Coffee</i>	
9h30-12h10	Session 3: The Partitioning of molecules into membranes and Permeability of molecules across membranes	Bruno Linclau (intro) Sobhna Kapoor An Ghysels Bert Poolman Joseph Laurent
12h10-13h30	<i>Lunch</i>	
13h30-14h30	Panel discussion topics 1-3 Chair: Phil Williamson	Chair: Phil Williamson Inv. speakers of sess. 1-3
14h30-15h30	Session 4: Towards synthetic transport systems for Active Transport	Sander Wezenberg (intro) Joachim Heberle
15h30-15h50	<i>Coffee break</i>	
15h50-17h30	(Session 4 continued)	Pinaki Talukdar Huaqiang Zeng ECR: Julia Viallalba
	<i>Free time</i>	
19h30-22h00	Banquet ('Les Petits Oignons', Rue de la Régence 25, 1000 Brussels)	

Wednesday 30 April 2025

9h00-9h30	<i>Coffee</i>	
9h30-12h10	Session 5: The implication of active (out of equilibrium) membranes on partitioning/diffusion/transport	Patricia Losada P. (intro) Timo Betz Patricia Bassereau Petra Schuille Agur Sevink
12h10-13h30	<i>Lunch</i>	
13h30-15h10	Session 6: Interactions with bacterial membranes and cellular uptake mechanism	Hennie Valkenier (chair) Stefan Matile Nathalie Busschaert Han Remaut
15h10-15h30	<i>Coffee break</i>	
15h30-16h30	Panel discussion topics 4-6	Chair: Patricia Losada P. Inv. speakers of sess. 4-6
16h30-16h50	Closure and departure	

! Note that the order of speakers within each session is still to be decided by the chair.

Time per contribution:

Invited speakers: 25 min. presentation (with statements/questions to discuss),
following by 15 minute discussion

Contributed talks: 15 min. presentation + 5 min. discussion

Session intro: 20 min. introduction of the session topic and speakers

Poster session: open to all researchers; title and abstract submission:

<https://docs.google.com/forms/d/e/1FAIpQLSe-u9efo1fQHkEcFVtwEi3kG6JXraDkBcl7mm7vhAstWXAmoA/viewform?usp=dialog>

Further information:

http://www.solvayinstitutes.be/event/workshop/interplay_of_molecules_2025/interplay_of_molecules_2025.html