

Start	Duration	Title	Speaker	Location
Sa	26-08-17	Day 1: ICMSE pre-Conference for students and postdocs on Molecular Systems Engineering		
8:00	1:00	Arrival, check-in, tags, map, information, coffee		Foyer
	all day	Posters on Display		1st Floor/Hall
9:00	0:10	Opening	Thomas R. Ward, Director NCCR MSE	Aula
		Session on "Functional Molecular Systems (The Netherlands)"	Chairs: Dowine de Bruijn, Michael Lerch	
9:10	0:40	Sugars & proteins: Towards a synthetic biology	Benjamin Davis, Keynote Speaker	Aula
9:50	0:20	Introduction of research cluster "Functional Molecular Systems"	Olga Goor	Aula
10:10	0:40	Coffee Break		Foyer and/or Garden
10:50	0:20	Designing artificial soft materials exhibiting mechanochemical activity	Mykhailo Vybornyi	Aula
11:10	0:20	Cucurbit[8]uril and 14-3-3 based binary bivalent supramolecular-protein assembly platform and co-crystal structure	Pim de Vink	Aula
11:30	0:20	Bio-orthogonal metalloporphyrin catalyzed modification of lantibiotics	Ruben Maaskant	Aula
11:50	0:20	Early Warning Signals in Chemical Reaction Networks	Oliver Maguire	Aula
12:10	1:40	Lunch		Aula
		Session on "Molecular Principles of Synthetic Biology (Germany)"	Chairs: Michael Heymann, Tobias Härtel	
13:50	0:40	Engineering and testing gene circuits with a cell-free TXTL toolbox	Vincent Noireaux, Keynote Speaker	Aula
14:30	0:20	Introduction of GRK2062 "Molecular Principles of Synthetic Biology"	Tobias Härtel	Aula
14:50	0:40	Coffee Break		Foyer and/or Garden
15:30	0:20	Communication between bacteria and cell-free expression systems within 1D chains of emulsion droplets	Matthäus Schwarz-Schilling	Aula
15:50	0:20	Synthetic antisense RNA regulators for tailored gene activation in <i>Vibrio cholerae</i>	Mona Dotzler	Aula
16:10	0:20	Taking protein dynamics seriously - from quantitative models to mechanistic understanding of protein pattern formation	Fridtjof Brauns	Aula
16:30	0:20	Development of a genetic code expansion system in <i>Bacillus subtilis</i>	Christopher Scheidler	Aula
16:50	2:10	Apéro + Poster session		1st Floor/Hall
19:00	1:00	Break (check-in at Hotel etc.)		
20:00	4:00	Science Slam + Party		Aula+Foyer+Garden
0:00		End of Day 1		Go To Pubs
Su	27-08-17	Day 2: ICMSE pre-Conference for students and postdocs on Molecular Systems Engineering		
	all day	Posters on Display		1st Floor/Hall
		Session on "Molecular Systems Engineering (Switzerland)"	Chairs: Tillmann Heinisch, Gotthold Fläschner, Jens Gaitzsch, Anja Car	
9:00	0:30	Behind the Scenes at Science	Valda Vinson, Invited Speaker	Aula
9:30	0:30	Philosophy of the Life Sciences	Ned Budisa, Invited Speaker	Aula
10:00	0:30	Coffee Break		Foyer and/or Garden
10:30	0:40	Programmable On-Chip DNA Compartments as 'Artificial Cells'	Roy Bar-Ziv, Keynote Speaker	Aula
11:10	0:20	Introduction of Research Cluster "Molecular Systems Engineering"	Aleksander Benjak	Aula
11:30	1:30	Lunch		Foyer and/or Garden
13:00	0:20	Anion - Pi Catalysis	Anna-Bea Bornhof	102
13:20	0:20	Terpene Cyclizations inside a Supramolecular Catalyst: Leaving Group-Controlled Product Selectivity and Mechanistic Studies	Qi Zhang	102
13:40	0:20	Towards Chemical Surface Functionalization of Living Cells	Simone Grendelmeier	102
14:00	0:20	Biomimetic engineering of stimuli responsive artificial cell organelle membranes	Tomaz Einfalt	102
14:20	0:30	Coffee Break		Foyer and/or Garden
14:50	0:20	5 Reasons to become a startup founder - and 2 why not	Ralf Dümpelmann, Invited Speaker	102
15:10	0:20	Learn and succeed within a start-up	Martin Ostermaier, Invited Speaker	102
15:30	0:20	Awards Ceremony and Concluding Remarks	Organizing Committee + MDPI	102
15:50	0:10	Farewell and info on ICMSE (starting 6pm)	Daniel Müller, Co-Director NCCR MSE	102
16:00		End of 1st ICMSE pre-Conference for students and postdocs		