

DARWINIAN CHEMISTRY AUTUMN COURSE

PRELIMINARY PROGRAMME

13 October MONDAY

ARRIVAL

13:00 DARCHEM internal meeting (PIs and PhD students)

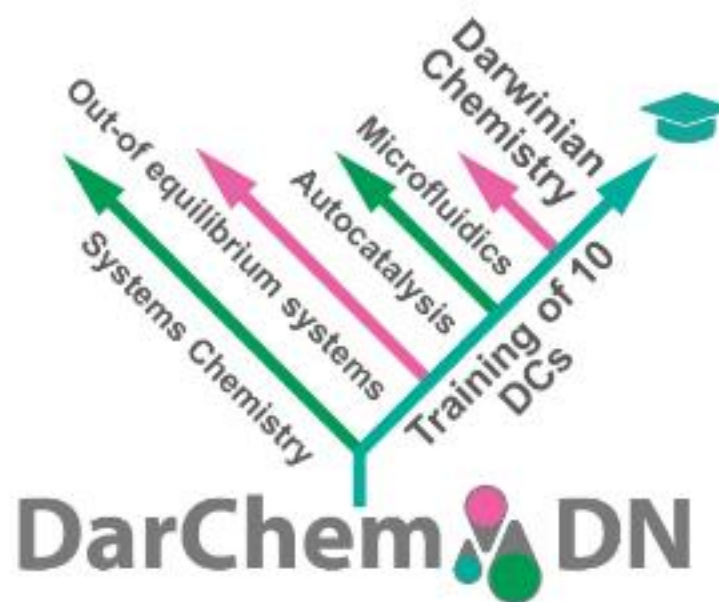
19:30 WELCOME DINNER

17 October FRIDAY

9:30 FREE DISCUSSION AND NETWORKING

12:30 LAST LUNCH

13:30 DEPARTURE





14 October TUESDAY		15 October WEDNESDAY		16 October THURSDAY	
9:00-10:00	Approaching the De-Novo Synthesis of Life SIJBREN OTTO	Kinetic Analysis of Reaction Networks: Elucidation of Reaction Mechanisms in Asymmetric Autocatalysis OLIVER TRAPP		Feedback regulated catalysis SYUZANNA R. HARUTYUNYAN	
10:00-11:00	Regulating the Upcoming Synthetic Cells Using Signaling Modules and Network Motifs GONEN ASHKENASY	Darwinian evolution in autocatalytic chemical reaction systems MAURO SANTOS		Design, screening, or simple emergence of artificial folded molecules: exploring (the lack of) sequence space IVAN HUC	
11:30-12:30	What Darwinian chemists ought to know about evolutionary dynamics EÖRS SZATHMÁRY	Metabolism in reproducing compartments ANDREW GRIFFITHS		Experimental challenges in the use of vesicle as protocell models PETER WALDE	
12:30-16:30	LUNCH FREE DISCUSSION POSTERS	LUNCH FREE DISCUSSION POSTERS		LUNCH FREE DISCUSSION POSTERS	
16:30-17:30	Is there a 'Hydrogen Atom' of Biology? PETRA SCHWILLE	Synthetic cells out of equilibrium JOB BOEKHOVEN		Microfluidics ANATOLE GEFFRAULT	
17:30-18:30	Regulation of coacervate properties by molecular flux T-Y DORA TANG	Novel forms of knowledge representation and AI-assisted thinking ALBRECHT VON MÜLLER		Proto-peptide Backbone Affects Assembly in Aqueous Solutions MORAN FRENKEL PINTER	
19:00	DINNER	DINNER		DINNER	