LIBER Symposium 2025 (15-16 May)

Scandic Marina Congress Centre

Katajanokanlaituri 6, 00160 Helsinki

Day 1: Thursday 15.5.2025

8:15	Registration & Breakfast (45 min)		
Time	Speaker	Institute	Title of presentation
9:00	Markus Linder	LIBER director	Welcome opening
Session 1. Chair: Mauri Kostiainen			
9:15	André Studart 	ETH, Switzerland	Directed Evolution of Material-Producing Bacteria
10:15	Angela Steinauer 	EPFL, Switzerland	Engineering Next-Generation Protein Nanocarriers for RNA Delivery
11:15	Short break (20 min)		
Session 2. Chair: Jaakko Timonen			
11:35	Raymond Goldstein 	University of Cambridge, UK	Phototactic Decision-Making by Algae
12:35	Lunch & poster (85 min)		
Session 3. Chair: Arri Priimägi			
14:00	Svetlana Santer 	University of Potsdam, Germany	Coupling of Light Into Mechanical Work for Generating Local Fluid Flows
15:00	Shervin Bagheri 	KTH, Sweden	Using Fluid Flows to Shape, Organize, and Control Surfaces and Materials
16:00	Group photo, Poster session & Coffee		
19:00	Symposium Buffet dinner		

Day 2: Friday 16.5.2025

Time	Speaker	Institute	Title of presentation
8:15	Coffee and breakfast (45 min)		
Session 1. Chair: Matilda Backholm			
9:00	Derek Woolfson 	University of Bristol, UK	From Peptides to Proteins to Functional Materials by *de novo* Design
10:00	Mazi Jalaal 	University of Amsterdam, The Netherlands	Light Production & Adaptive Morphodynamics in an Active Biological System
11:00	Short break (20 min)		
Session 2. Chair: Maria Sammalkorpi			
11:20	Uwe Thiele 	University of Münster, Germany	Gradient-Dynamics Approach to Mesoscopic Hydrodynamics - from Adaptive to Active Wetting
12:20	Lunch & posters (70 min)		
Session 3. Chair: Robin Ras			
13:30	Cécile Bidan 	Max Planck Institute of Colloids and Interfaces, Germany	A Materials Science Perspective on Bacterial Biofilms
14:30	Giorgio Volpe 	University Colleague London, UK	Steering Self-Organization through Confinement in Systems of Active Colloids and Droplets
15:30	Poster awards, Closing remarks & coffee		

Principal Investigators of the LIBER Centre of Excellence