

Saar-Lor-Lux Biophysics Forum

Tuesday, 15 September 2026, at Saarland University, Campus Saarbrücken (Building C7 4, Room 1.17).

09:00 Arrival

09:15 Opening

09:30	Christian Wagner	Saarland University	The physics of blood flow
09:40	Anupam Sengupta	University of Luxembourg	Microbial Active Matter: From Research to Valorisation
09:50	Lars Kaestner	Saarland University	Erythrocytes - corpuscles or cells?
10:00	Elke Neu-Ruffing	RPTU Kaiserslautern Landau	Quantum meets Bio@RPTU
10:10	Albrecht Ott	Saarland University	Biology only makes sense in the light of evolution: the origin among other problems...
10:20	Martin Michael Müller	LPCT, Metz	Coarse-grained simulations of protein-membrane interactions
10:30	Jochen Hub	Saarland University	Molecular simulations of biological systems: membranes, X-rays, drugs
10:40	Therese Malliavin	Université de Lorraine/CNRS	The power of distance geometry to explore protein conformations
10:50	Nina Christmann	Saarland University	Funding Possibilities in the Greater Region

11:00 Break

11:10	Franziska Lautenschläger	Saarland University	The cytoskeleton steering cells.
11:20	Igor Kulic	CNRS , ICS Strasbourg	Microtubules: allosteric mechanochemical integrators of cellular functions
11:30	Karin Jacobs	Saarland University	Physical properties of biological interfaces
11:40	Oskar Staufer	Leibniz Institute for New Materials	Synthetic immunology
11:50	Ralf Seemann	Saarland University	tba
12:00	Jörg Baller	University of Luxembourg	Brillouin Spectroscopy of biomaterials
12:10	Dora Tang	Saarland University	from molecules to life
12:20	Malte Henkel	LPCT, Université de Lorraine Nancy	Exact ageing correlators in the voter model
12:30	Adam Wysocki	Saarland University	Collective chemotactic search
12:40	Sandra Iden	Saarland University	Tissue-scale cell-cell communication in epithelia

12:50 Lunch

13:30	Future workshop - part I		
14:30	Walking in the woods		
15:30	Coffee/tea		
16:00	Future workshop - part II (discussion and documentation)		
17:00	Presentation of workshop findings and wrap up		

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