

**Schedule Summer School Theoretical Physics, 21-25 August, 2023; room: t.b.a.**

	21/8/2023	22/8/2023	23/8/2023	24/8/2023	25/8/2023
		<b>Theory of Quantum Matter</b>	<b>Theory and Simulations of Soft Matter</b>	<b>Gravity, particles, and String Theory</b>	
9:00	9:00-9:45: Arrival & registration  9:45: Introduction & Welcome	9:00-12:00: Introduction to Berry Phases and Spin Path Integrals	9:00-12:00: Introduction to Liquid Crystals	9:00-12:00: Introduction to AdS/CFT	
10:00	10:00-13:00: Introduction to General Relativity and Black Holes				
11:00					11:00-12:00: Final lecture
12:00		12:00-13:00: Lunch	12:00-13:00: Lunch	12:00-13:00: Lunch	12:00-12:30: Closing Remarks  12:30-....: Farewell lunch
13:00	Lunch	13:00-16:00: Problem session	13:00-16:00: Simulation project on liquid Crystals	13:00-16:00: Problem session	Departure
14:00	14:00-17:00: Introduction to Path Integrals				
16:00		16:00-17:00: Research talk	16:00-17:00: Research talk	16:00-17:00: Research talk cosmology	
17:00	17:00: Welcome drinks (Buys Ballot Building room 7.73)			18:00-....: Summer School dinner (Pancake restaurant Rhijnauwen)	