

QuantumDTU Summer School on Quantum Technology 2019

PROGRAMME

Time	SUN Aug-11	MON Aug-12	TUE Aug-13	WED Aug-14	THU Aug-15	FRI Aug-16	SAT Aug-17
08:00-08:15		BREAKFAST					
08:15-08:30							
08:30-08:45							
08:45-09:00							
09:00-09:15		Jonatan Bohr Brask (DTU Physics)	Steven van Enk (Uni. Oregon)	Niels Gregersen (DTU Fotonik)	Jonas Neergaard-Nielsen (DTU Physics)	Kresten Yvind (DTU Fotonik)	Selected talks
09:15-09:30			Single photons, 2nd quant. & QI	Single photons & quantum dots	Quantum computing	Nano photonics	
09:30-09:45		Quantum sensing					
09:45-10:00							
10:00-10:15							
10:15-10:30							
10:30-10:45		BREAK					
10:45-11:00		Lars Hanson (DTU Electro)	Jan Hald (DFM)	Niels Gregersen (DTU Fotonik)	Mikkel Schmidt (DTU Compute)	Tobias Gehring (DTU Physics)	Group exercise 2
11:00-11:15			Metrology	Exercise on numerical modelling	Machine learning	Quantum cryptography	
11:15-11:30		NMR & hyperpolarization					
11:30-11:45							
11:45-12:00							
12:00-12:15							
12:15-12:30							
12:30-12:45							
12:45-13:00		LUNCH					
13:00-13:15							
13:15-13:30							
13:30-13:45							
13:45-14:00							
14:00-14:15	Group exercise 1	Nini Pryds (DTU Energy) Qu. materials	Social activity	Tim Booth (DTU Physics) 2D materials	Debasish Chakraborty (DTU Physics)	DEPARTURE	
14:15-14:30		Yunzhong Chen (DTU Energy) Qu. materials		José Caridad (DTU Physics) 2D materials	Innovation & Entrepreneurship		
14:30-14:45	ARRIVAL						
14:45-15:00							
15:00-15:15		COFFEE BREAK					
15:15-15:30		Selected talks	Nika Akopian (DTU Fotonik) Multi photon QI	Social activity (continued)	Niels Engholm Henriksen (DTU Chemistry)	Group exercise 2	
15:30-15:45			Group exercise 1		Quantum chemistry		
15:45-16:00		Poster session				Free time	Free time
16:00-16:15							
16:15-16:30							
16:30-16:45							
16:45-17:00							
17:00-17:15							
17:15-17:30							
17:30-17:45							
17:45-18:00	Welcome and registration						
18:00-18:15							
18:15-18:30	DINNER						
18:30-18:45							
18:45-19:00							
19:00-19:15							
19:15-19:30							
19:30-19:45							
19:45-20:00							
20:00-20:15							Poster session
20:15-20:30							
20:30-20:45							
20:45-21:00							
21:00 -	COFFEE & BEER						