

Cryocourse 2023 programme

Arrival and get together (Thu 18.5.)

Time	Friday 19.5.	Saturday 20.5.	Sunday 21.5.	Monday 22.5.	Tuesday 23.5.	Wednesday 24.5.	Thu 25.5.	Fri 26.5.	
08:00-09:00	Breakfast								
09:00-10:00	Thermodynamics & statistical physics Erkki Thuneberg	Thermometry Viktor Tsepelin	Cryogenic sensors & parametric amplifiers Visa Vesterinen	Quantum fluids and solids Lev Levitin	Superconductivity Vladimir Eltsov	Adiabatic quantum control Sorin Paraoanu	Bus to ... Hands-on exercises at Aalto university	Bus to ... Hands-on exercises at Aalto university	
10:00-11:00									
11:00-12:00	Vacuum & cryofluids Christian Enss	Disordered solids Christian Enss	Nanomechanics Mika Sillanpää	Optomechanics, L. Mercier de Lépinay	Quantum Hall effects Manohar Kumar	Metrology Manohar Kumar			
12:00-13:30	Lunch								
13:30-14:30	Heat capacity and thermal conductivity Andrew Fefferman	Qubits and quantum computing Mikko Möttönen	Dilution refrigeration & magnetic cooling Juha Tuoriniemi	Quantum thermodynamics Bayan Karimi	Low dimensional systems Dominik Zumbühl	Low-temperature STM Robert Drost	Hands-on exercises at Aalto	Visit to BlueFors company	
14:30-15:30									
15:30-16:00	Coffee								
16:00-17:00	Nano-refrigeration & nano-thermometry Jukka Pekola	Posters I A - H	Posters II I - P	Posters III Q - Z	Noise at low temperatures Pertti Hakonen	Hike around the natural park	Hands-on exercises at Aalto	Departure	
17:00-18:00									
18:00-19:00	Dinner								
	Sauna by the lake							Sauna by the lake	

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