

## Introductory Course on Ultracold Quantum Gases 08 – 10 July 2019

Time	Sunday 07.07	Monday 08.07.	Tuesday 09.07.	Wednesday 10.07.	
8:00 – 9:00		<b>Registration ICT Foyer</b>			
9:00 – 9:15		Welcome words	Few-Body scattering and ultracold	Non equilibrium Physics	
9:15 – 9:30		Cooling and Trapping	molecules	(M. Knap)	
9:30 – 09:45		(M. Landini)	(H. C. Nägerl)		
09:45 – 10:00					
10:00 – 10:15			Mixture Physics	Rydberg Basics	
10:15– 10:30		Basic on Fermi gas theory	(B. Huang)	(A. Trautmann)	
10:30 – 10:45		(M. Baranov)			
10:45 – 11:00					
11:00 – 11:15			<b>Coffee break and group photo</b>	<b>Coffee break</b>	
11:15 – 11:30		<b>Coffee break</b>			
11:30 – 11:45					
11:45 – 12:30		Basic experiments on Fermi gases	Optical lattices and 1D systems	Question&Answer Session	
		(R. Grimm)	(M. J. Mark)		
12:30 – 12:45					
12:45 – 14:00		<b>Lunch break</b>	<b>Lunch break</b>	Departure	
14:00 – 14:45	Arrival	Basic on BEC theory	Atom Interferometry	Lectures will be 45 min+ 15 min questions	
		(S. Stringari)	(O. Hosten)		
14:45 – 15:00					
15:00 – 15:45		Basic experiments on BEC	Dipolar Physics		Legend: Color code
		(R. Lous)	(F. Ferlaino)		
15:45 – 16:00					
16:00– 16:30		<b>break</b>	<b>break</b>		
16:30			Departure to Hungerburg group red, blue and violet meeting point ICT Foyer		
16:45			Departure to Hungerburg group green and yellow meeting point ICT Foyer		
17:00		Buffet Foyer ICT			
17:45 – 18:30					
19:00 – 21:00		Pizza Foyer ICT	Hicke starts at ca. 17:45 Dinner at Arzler Alm		

ICT building	Lecture: Seminar room 1 and 2, ground floor	Lecture: Schrödinger room, third floor (IQOQI)
	Meeting point and reception: foyer, ground floor	Lab tours: UNI and IQOQI