DFG

PFEIFFER VACUUM

Program Summer School 2017
ULTRACOLD FEW- AND MANY-BODY SYSTEMS:
COLD ON QUANTUM'S TRAIL

	Sunday, August 6	Monday, August 7	Tuesday, August 8	Wednesday, August 9	Thursday, August 10	Friday, August 11
9:00 a.m.	Arrival	Susanne Yelin (Theory): Photon manipulation and entanglement with cooperative atomic systems	Eric Hudson (Experiment): Cooling molecular ions, ultracold atom ion interactions	Rework seminar - Andrey Vilesov	Daniel Steck (Theory): The Casimir-Polder Effect	Rework Seminar - Ralph Gebauer
10:30 a.m.		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:00 a.m.		Rework Seminar - Susanne Yelin	Rework Seminar - Eric Hudson	Rework seminar - Andrey Vilesov	Rework Seminar - Daniel Steck	Rework Seminar - Ralph Gebauer
12:30 p.m.		Lunch	Lunch	bus shuttle to D-Wave Lunch packages	Lunch	Closing remarks and Poster Prize: Frank Stienkemeier
1:30 p.m.					Rework Seminar - Daniel Steck	Lunch
2:00 p.m.		Rework Seminar - Susanne Yelin	Rework Seminar - Eric Hudson	D-Wave		Departure
3.00 p.m.					Coffee Break	
3:30 p.m.		Coffee Break	Coffee Break		Ralph Gebauer (Theory): Proton diffusion in crystalline silicon: is it classical or quantum-mechanical?	
4:00 p.m.	Opening remarks: Michael Walter	career event	Andrey Vilesov (Experiment): Experiments with Large Superfluid Helium Droplets			
4:30 p.m.	Presentation by participants (1 slide for 1 min/person)			D-Wave		
5.15 p.m.						
5:30 p.m.	Poster session A and Aperitif	Poster session B and Aperitif	Poster session C and Aperitif		sports and drinks	
6:45 p.m.						
7:00 p.m.	Dinner	Dinner	Dinner	Dinner	Dinner	

Coffee breaks, lunches and dinners will be set up in the cafeteria main dining hall, 3rd floor of the service building
All sessions will be held in MPR, 1st floor of te service building