VSSUP 2014

week 1

	Monday | January 20th	Tuesday | January 21st	Wednesday | January 22nd	Thursday | January 23rd	Friday | January 24th
9:00	**Mikkel Andersen** Can we build individual molecules atom by atom? I	**Mikkel Andersen** Can we build individual molecules atom by atom? II	**Mikkel Andersen** Can we build individual molecules atom by atom? III	**Mikkel Andersen** Can we build individual molecules atom by atom? IV	**Peter Hannaford** Quantum degenerate gases in magnetic lattices
10:00	**David Kielpinski** Ion traps I	**David Kielpinski** Ion traps III	**Chris Vale** Atomic scattering	**Chris Vale** Fermi gases I	**Chris Vale** Fermi gases II
11:00					
			Morning Tea		
11:30	**David Kielpinski** Ion traps II	**David Kielpinski** Ion traps IV	**Xia-Ji Liu** Variational theory	**Hui Hu** Spin-orbit coupling I	**Hui Hu** Spin-orbit coupling II
12:30					
			Lunch		
14:00	**Oleg Sushkov** 2D materials I	**Oleg Sushkov** 2D materials II	**Oleg Sushkov** 2D materials III	**Oleg Sushkov** 2D materials IV	Free Afternoon
15:00					
			Afternoon Tea		
15:30	**Joachim Brand** Variational dynamics and 1D BEC I	**Joachim Brand** Variational dynamics and 1D BEC II	**Joachim Brand** Variational dynamics and 1D BEC III	**Joachim Brand** Variational dynamics and 1D BEC IV	
16:30	**Peter Drummond** Coherence and phase space I	**Peter Drummond** Coherence and phase space II	**Peter Drummond** Coherence and phase space III	**Peter Drummond** Coherence and phase space IV	
17:30					

VSSUP 2014

week 2

	Monday | January 27th	Tuesday | January 28th	Wednesday | January 29th	Thursday | January 30th	Friday | January 31st
9:00	Public holiday	**Warwick Bowen** Optomechanics and nanomechanics I	**Andy Martin** Dipolar route / emulation route I	**Andy Martin** Dipolar route / emulation route II	**Tapio Simula** Topological excitations and 2D quantum turbulence I
10:00		**Howard Carmichael** Open quantum systems I	**Blair Blakie** The basic physics of dipolar quantum gases I	**Blair Blakie** The basic physics of dipolar quantum gases III	**Tapio Simula** Topological excitations and 2D quantum turbulence II
11:00			Morning Tea		
11:30		**Howard Carmichael** Open quantum systems II	**Blair Blakie** The basic physics of dipolar quantum gases II	**Blair Blakie** The basic physics of dipolar quantum gases IV	Lab tours Talk about PhD projects Free talking time
12:30		Lunch			Summer School Lunch
14:00		**Warwick Bowen** Optomechanics and nanomechanics II	**Michael D. Fraser** Polariton I	**Michael D. Fraser** Polariton III	Free Afternoon
15:00			Afternoon Tea		
15:30		**Howard Carmichael** Open quantum systems III	**Michael D. Fraser** Polariton II	**Michael D. Fraser** Polariton IV	
16:30		**Howard Carmichael** Open quantum systems IV	**Michael Fuhrer** Graphene and topological insulators I	**Michael Fuhrer** Graphene and topological insulators II	
17:30					