

## WINTERSCHOOL OBERGURGL 2017

	02.Apr	03.Apr	04.Apr	05.Apr	06.Apr	07.Apr	08.Apr	
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
8,00	Arrivals	breakfast	breakfast	breakfast	breakfast	breakfast	Departures	
9,00		Introduction	Barabasi	Barabasi	Liu	Briegel		
		Barabasi	coffee break	coffee break	coffee break	coffee break		
10,00		coffee break	Walmsley	Biamonte	Sundaresan	Gröblacher		
11,00		Eisert	Laird	Northup	Rauschenbeutel	Trupke		
12,00		FREE FOR DISCUSSIONS						
13,00								
14,00								
15,00								
16,00			Nemoto	Nemoto	Barzel	Nemoto		Huber
17,00		coffee break	coffee break	coffee break	coffee break	coffee break		
18,00		Eisert	Eisert	Omar	Omar	Omar		
19,00	DINNER	DINNER	DINNER	DINNER	DINNER	DINNER		
20,00		Buzek	poster	discussion	poster			

**Barabasi, Albert-László:** Network Science: From Structure to Control

**Barzel, Baruch:** A perturbative theory of classic network dynamics

**Biamonte, Jacob:** ABSTRACT MISSING

**Briegel, Hans-Jürgen:** Projective simulation for learning and agency

**Buzek, Vladimir:** Dynamics of open quantum systems: Reconstruction of q-channels

**Eisert, Jens:** Quantum many-body theory and tensor networks

**Gröblacher, Simon:** Quantum information processing with optomechanical oscillators

**Huber, Marcus:** Certifying entanglement in complex systems

**Laird, Edward:** ABSTRACT MISSING

**Liu, Yang-Yu:** Controllability and Observability of Complex Networks

**Nemoto, Kae:** ABSTRACT MISSING

**Northup, Tracy:** Quantum network nodes with ions in cavities

**Omar, Yasser:** Complex quantum networks

**Rauschenbeutel, Arno:** Nonreciprocal Quantum Optical Devices Based on Chiral Interaction of Confined Light with Spin-Polarized Atoms

**Sundaresan, Neereja:** Making light matter: quantum many-body physics with microwave photons

**Trupke, Michael:** ABSTRACT MISSING

**Walmsley, Ian:** ABSTRACT MISSING