

SFB Meeting, Vienna, Austria
December 11-12, 2014

Program

Venue:

Talks	Theatersaal, ÖAW, Sonnefelsgasse 19, 1010 Vienna, 1 st floor
Posters and Coffee	Aula, ÖAW, Dr. Ignaz Seipel-Platz 2, 1010 Vienna
Business Meeting	Sitzungsaal, ÖAW, Dr. Ignaz Seipel-Platz, 1010 Vienna
Dinner	Melker Stiftskeller, Schottengasse 3, 1010 Vienna

December 11

13:30 – 13:55	Mateus Araújo (<i>Universität Wien</i>) Computational advantage from quantum-controlled ordering of gates
14:00 – 15:30	Jean Dalibard (<i>Collège de France and École normale supérieure</i>)* Gauge Fields in an Optical Lattice: When Topology Meets With experimental Physics
15:30 – 15:55	Valentin Torggler, (<i>Institut für Theoretische Physik, Innsbruck</i>) Adaptive multifrequency light collection by self-ordered mobile scatterers in optical resonators
15:55 – 17:00/17:30 – 19:00 20:00 – open end	Coffee Break Telescope Celebration at IQOQI (by invitation only) Dinner

* Special lecture organized by the Austrian Academy of Sciences

December 12

8:30 – 9:20	Business Meeting
9:30 – 10:20	Maria Chekhova (<i>Max Planck Institute for the Science of Light</i>) Giant twin-beam generation along the pump energy propagation
10:20 – 10:45	Michael Trupke (<i>Atominstitut Wien</i>) - Sub-nanotesla quantum magnetometry with a single spin
10:45 – 11:35	Poster Session and Coffee
11:35 – 12:25	Miles Padgett (<i>University of Glasgow</i>) - Photons that travel in free space slower than the speed of light
12:25 – 13:15	Ad Legendijk (<i>University of Twente, FOM-Institute AMOLF, University of Amsterdam</i>) Wave Front Shaping: a revolution in optics
13:15 – 13:40	Christine Maier (<i>IQOQI Innsbruck</i>) Engineering and observation of interacting quasiparticles in a quantum many-body system

Train suggestions from Innsbruck:

Train ÖBB	Date	Time of leaving	Time of arrival
Innsbruck - Vienna	December 11	07:05	12:04
		08:20	12:30
Vienna - Innsbruck	December 12	14:30	18:54
		15:30	19:40
		16:30	20:55