‘PHOTONS BEYOND QUBITS’ WORKSHOP, OLOMOUC 2016

Monday, October 3	**9:00**	*Opening remarks*	
	9:15	**Ivo Straka**	Quantum non-Gaussian multiphoton light
	10:00	***Coffee break***	
	10:30	**Nicolas Cerf**	Entropy-power uncertainty relations
	11:15	**Momtchil Peev**	Continuous-variable quantum key distribution in Huawei: open problems, challenges and chances on the path to industrialization
	12:00	***Lunch***	
	13:30	**Ulrik Andersen**	Optimized quantum measurements
	14:15	**Christoph Marquardt**	Practical continuous-variable quantum communication in fibre and free space systems
	15:00	***Coffee break***	
	15:30	**Hannes Huebel**	Continuous-variable quantum information processing at Austrian Institute of Technology
	16:15	***Poster session / Panel discussions / Lab tour***	
Tuesday, October 4	**9:00**	**Giuseppe Vallone**	Quantum communication and random number generation with photons
	9:45	**Eleni Diamanti**	Continuous-variable quantum cryptography on silicon
	10:30	***Coffee break***	
	11:00	**Carlo Ottaviani**	Multipartite entanglement swapping and measurement-device-independent quantum conferencing with continuous variables
	11:45	**Nicolas Treps**	Optical frequency combs for versatile multimode entanglement and quantum information processing
	12:30	***Lunch***	
	14:00	**Michal Karpinski**	Optical space-time analogies for quantum information processing
	14:45	**Vladyslav Usenko**	Improving loss and noise resilience of realistic continuous-variable quantum key distribution
	15:30	***Coffee break***	
	16:00	***Poster session / Panel discussions / Lab tour***	
Wednesday, October 5	**9:00**	**Ana Predojevic**	Quantum dots as quantum light sources: from hyper-entanglement to photon triplets
	9:45	**Karol Bartkiewicz**	Quantum forgery of quantum optical money
	10:30	***Coffee break***	
	11:00	**Mikolaj Lasota**	Reducing detection noise of a photon pair in a dispersive medium by controlling its spectral entanglement
	11:45	**Siddarth K. Joshi**	Gravitational decoherence with entanglement: the space quest mission
	12:30	*Closing remarks*	
	12:45	***Lunch***	