List of posters for **poster session I** - October 22, 2019

Number	Authors	Title
1	Fabio Acerbi, Nicolo Leone, Alberto Gola, Nicola Zorzi, Stefano Azzini, Giorgio Fontana and Lorenzo Pavesi	Structures for integrated photonics quantum random number generators
2	Mano Rahul K Pakalapati, Susan K Earles, Ersoy Subasi and Mano Varun K Pakalapati	Quantum Random Number Generator based on Quantum Jitter of Single Photon Avalanche Photodiode (SPAD)
3	Ivo Straka and Miroslav Ježek	Quantum signals: shaping temporal correlations and photon statistics
4	Jakub Szlachetka, Karolina Słowik and Piotr Kolenderski	Hong-Ou-Mandel interference at a metasurface
5	Aikaterini Gratsea, Maciej Lewenstein and Alexandre Dauphin	Generation of hybrid maximally entangled states in a one-dimensional quantum walk
6	Lijun Ma, Xiao Tang and Oliver Slattery	Quantum memory in anti-relaxation coated gas cell
7	Sabine Wollmann, A Ducuara, X Qiang, J Tasker, X Zhou, J Wang, C Wilkes, T Loke, S O'Gara, L Kling, G Marshall, R Santagati, T Ralph, J Wang, J O'Brien, M Thompson, P Skrzypczyk and J Matthews	Maximisation of Quantum Correlations under Local Filtering Operations
8	Minghan Li, Xingjian Zhang, Wenzhao Liu, Siran Zhao, Bing Bai, Yang Liu, Qi Zhao, Jun Zhang, Xiongfeng Ma, Qiang Zhang, Jingyun Fan and Jianwei Pan	Experimental realization of device-independent quantum randomness expansion
9	Robin Camphausen, Alvaro Cuevas, Roland Terborg, Luc Duempelmann, Fabian Steinlechner and Valerio Pruneri	Super-resolution phase imaging by detecting entangled photons with a SPAD-array camera
10	Alice Meda, Ivano Ruo-Berchera, Marco Genovese, Elena Losero and Alessio Avella	Optimizing quantum enhanced imaging in realistic conditions
11	Alice Meda, Ivo Pietro Degiovanni, Ivano Ruo-Berchera, Marco Gramegna, Marco Lopez and Stefan Kueck	Detection efficiency calibration of InGaAs/InP single-photon detectors
12	Emma Pearce, Rupert Oulton and Alex Clark	Fibre photon-pair sources for quantum imaging and spectroscopy
13	F. Severini, F. Madonini, A. Incoronato, F. Villa, F. Zappa	BCD SPAD Arrays for Quantum Optics Applications
14	Laura Di Sieno, Anurag Behera, Edoardo Ferocino, Davide Contini, Alessandro Torricelli, Sumeet Rohilla, Benedikt Krämer, Felix Koberling, Fabio Acerbi, Alberto Gola, Antonio Pifferi and Alberto Dalla Mora	Large area SiPM and high-throughput timing electronics: how to boost performances of time-domain diffuse optical instruments
15	Laura Di Sieno, Alberto Dalla Mora, Edoardo Ferocino, Antonio Pifferi, Alberto Tosi, Enrico Conca, Vincenzo Sesta, Andrea Giudice, Alessandro Ruggeri, Simone Tisa, Alexander Flocke, Bogdan Rosinski, Jean-Marc Dinten, Mathieu Perriollat, David Savéry, Hélène Spourtouche, Simon Arridge, Andrea Farina, Pietro Panizza, Elena Venturini, Peter Gordebeke, Pamela Zolda and Paola Taroni	A multimodal imaging system hosting an innovative photonic module to improve breast cancer diagnosis: the SOLUS project
16	A. Perri, J. H. Gaida, A. Farina, F. Preda, C. D'Andrea, G. Cerullo, and D. Polli	Time- and frequency-resolved fluorescence with a single TCSPC detector via a Fourier-transform approach
17	Lucio Carrara and Adrian Fiergolski	An Optical Interference Suppression Scheme for TCSPC Flash LiDAR Imagers
18	Sungwan Cho	Whispering-Gallery-Mode optical resonator with embedded NV-color centers
19	Ettore Bernardi, Ekaterina Moreva, Paolo Traina, Andrea Sosso, Jacopo Forneris, Sviatoslav Ditalia Tchernij, Ivo Pietro Degiovanni, Valentina Carabelli, Paolo Olivero and Marco Genovese	Bio-Sensing with NV centers in diamonds
20	Maria Gieysztor, Marta Misiaszek, Joscelyn van der Veen and Piotr Kolenderski	Absorption of a heralded single photon by a nitrogen-vacancy center in diamond
21	Enrico Rebufello, Chiara Marletto, Vlatko Vedral, Salvatore Virzì, Alessio Avella, Fabrizio Piacentini, Marco Gramegna, Ivo Pietro Degiovanni and Marco Genovese	Pseudo-density operator reconstruction: the open time-like curve case
22	Gioan Tatsi, Luca Mazzarella and John Jeffers	Generalised Photon Subtraction for Heating or Cooling Thermal Light
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24	Salvatore Virzì, Enrico Rebufello, Alessio Avella, Fabrizio Piacentini, Marco Gramegna, Ivano Ruo Berchera, Ivo Degiovanni and Marco Genovese	Optimal estimation of entanglement and discord in two-qubit states
25	Ivo Pietro Degiovanni, Marco Gramegna, Sébastien Bize, Hansjörg Scherer, Christopher Chunnilall, Stefan Kück, Franck Pereira Dos Santos, Tobias Lindstrom, Felicien Schopfer and Mikael Lassen	The EURAMET European Metrology Network for Quantum Technologies
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51	Yuliya Korneeva, Nadezhda Manova, Margaret Polyakova, Eugeny Smirnov, Denis Vodolazov and Alexander Korneev	Physics of single-photon detection in micron-wide superconducting strips
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