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Tu-P01	D. H. Ahn, Y. D. Jang, J. S. Baek, S. I. Park, J. D. Song, and D. Lee	A broadband bright quantum dot single photon source with doublet lens structure
Tu-P02	Qi Ying Tan, Marianna D'Amato, Quentin Glorieux, Alberto Bramati, Cesare Soci	Color-Tunable Single Photon Emission from Mixed-Cation Perovskite Quantum Dots
Tu-P03	In-Ho Bae, Seongchong Park, Kee-Suk Hong and Dong-Hoon Lee	Afterpulse measurement of UV single photon detector
Tu-P04	Klea Dhimitri, Stephanie Fullerton, Brad Coyle, Keith Bennett, Takafumi Higuchi, Taiki Miura, Sebastian Beer, Mao Nakajima, Eiji Toda, Tadashi Maruno	Quantitative CMOS(qCMOS) Camera Capabilities with a focus on quantum optics
Tu-P05	S. M. F. Raupach, M. Sidorova, and A. D. Semenov	Afterpulsing and fluctuations in commercial SNSPD
Tu-P06	Jin-Woo Chae, Jin-Hun Kim, Youn-Chang Jeong and Yoon-Ho Kim	Tunable up-conversion single-photon detector at telecom wavelengths
Tu-P07	Joshua C. Bienfang, Edwin J. Heilweil, Jeremy Smith, Gregory A. Garrett, Anand V. Sampath	Timing resolution of a Silicon Carbide SPAD at 267 nm
Tu-P08	Mariia Sidorova, Alexey Semenov, Heinz-Wilhelm Hübers, S. M. F. Raupach	Afterpulsing-like effects in superconducting single-photon detectors
Tu-P09	Doyoon Eom, Eunsung Park, Won-Yong Ha, Woo-Young Choi, and Myung-Jae Lee	Back-Illuminated Single-Photon Avalanche Diode Implemented in 110 nm CIS Technology
Tu-P10	Luke Arabczyk, Christopher Chunnillall, Liang Qiao, Christopher Hossack, and Dmitri Permogorov	Characterisation of commercially-available free-space single-photon avalanche diodes as a function of bias voltage and temperature
Tu-P11	HeeWoo Kim, Hansol Jeong, Jiho Park, and Han Seb Moon	Characteristics of photon-pair generated from a chip-scale cesium vapor cell
Tu-P12	Fabio Telesca, Fabio Signorelli, Alberto Tosi	Charge persistence dependence on double zinc diffusion geometry and guard ring bias in InGaAs/InP SPADs
Tu-P13	Roland Jaha, Simone Ferrari, Mirco Kolarczik, Helmut Fedder, and Wolfram Pernice	Cryogenic readout for ultra-high timing resolution waveguide-integrated superconducting nanowire single-photon detectors
Tu-P14	Teaho Kim, Gyuna Park, Habin Kang and Jonghwan Kim	Electrical Control of Interlayer Excitons in WSe ₂ /Ws ₂ Hetero-Bilayers
Tu-P15	Nina Amelie Lange, Jan Philipp Höpker, Maximilian Protte, Raimund Ricken, Viktor Quiring, Christof Eigner, Christine Silberhorn, Tim J. Bartley	Cryogenic Spontaneous Parametric Down-Conversion
Tu-P16	Sera Yang, Su-Beom Song, Sangho Yoon, So Young Kim, Seung-Young Seo, Soonyoung Cha, Hyeon-Woo Jeong, Kenji Watanabe, Takashi Taniguchi, Gil-Ho Lee, Jun Sung Kim, Moon-Ho Jo and Jonghwan Kim	Deep-ultraviolet Photoluminescence excitation spectroscopy of hexagonal boron-nitride crystals
Tu-P17	Franziska Hirt, Justus Christinck, Helmuth Hofer, Andreas Reutter, Mike Stummvoll, Neda Noei, Uta Schlickum, Stefan Kück	Deposition growth of molecule-based samples for single-photon metrology
Tu-P18	Baul Kim, Kwanjae Lee, and Yong-Hoon Cho	Formation of site-controlled high indium content InGaN/GaN triangular pyramidal quantum dots
Tu-P19	Valentin Brisson, Raouia Rhazi, Jonathan Faugier-Tovar, Ségolène Olivier, Eva Monroy, Joël Bleuse and Jean-Michel Gérard	Development of superconducting nanowire single-photon detectors on 200 mm Si wafers.
Tu-P20	Andrea Bonzi, Gabriele Laita, Ivan Rech, Angelo Gulinatti	Doping profile extraction for advanced SPAD modeling
Tu-P21	Nico Margaria, Florian Pastier, Marie Billard, Nicolas Maring, Pascale Senellart, Valerian Giesz, Niccolò Somaschi	Efficient, compact and reliable fibred single-photon source in the solid-state
Tu-P22	P. Tieben, H. Dobariya, A. W. Schell	Energetic Investigation of Defect Centers in hBN
Tu-P23	A. Giudici, S. Farina, I. Labanca, G. Acconcia, and I. Rech	Fast photon counting and high NIR quantum efficiency: attaining 8.8ns dead time with a RT-SPAD and an integrated AQC
Tu-P24	Christian Kiebler, Hauke Conradi, Moritz Kleinert, Viktor Quiring, Harald Herrmann, Christine Silberhorn	Fiber-coupled plug-and-play heralded single photon source based on Ti:LiNbO ₃ and polymer technology
Tu-P25	Lorenzo Stasi, Gaëtan Gras, Matthieu Perrenoud, Riad Berrazouane, Hugo Zbinden and Félix Bussièrès	High-efficiency and fast photon-number resolving SNSPD
Tu-P26	Seongmoon Jun, Minhoo Choi, Martina Morassi, Maria Tchernycheva, Hyun Gyu Song, Noelle Gogneau, and Yong Hoon Cho	Implementing of Quasi-Resonant Excitation on InGaN Quantum Dots for Improving Single-Photon Purity and Linewidth
Tu-P27	Sebastian M. F. Raupach, Ivo Pietro Degiovanni, Hristina Georgieva, Alice Meda, Helmuth Hofer, Marco Gramegna, Marco Genovese, Stefan Kück, and Marco López	Observed variation in the inherent detection efficiency of InGaAs-SPADs with the detection rate
Tu-P28	Ronen Rapaport	Overcoming the rate-directionality tradeoff: room-temperature ultrabright single photon sources based on quantum dots on directional resonator-antennas
Tu-P29	Hansol Jeong, Heewoo Kim, Jinhyuk Bae and Han Seb Moon	Photon pair generation at telecom wavelength from the atomic vapor cell
Tu-P30	Pascal Rustige, Lorenz Eckoldt, Felix Ganzer, Patrick Runge, Martin Schell	Room temperature operation of InGaAs/InP single photon avalanche diodes for quantum communication and sensing
Tu-P31	Katarzyna Ludwiczak, Johannes Binder, Aleksandra Krystyna Dąbrowska, Joanna Sitnicka, Jacek Jasiński, Roman Stępniewski, Andrzej Wyszomolek	Towards Magnetically Addressed Emission from Defects in Hexagonal Boron Nitride for Single Photon Sources
Tu-P32	Justus Christinck, Jana Bauer, Franziska Hirt, Helmuth Hofer, Zhe Liu, Markus Etkorn, Georgios Provatas, Toni Dunatov, Zdravko Siketić, Jacopo Forneris, and Stefan Kück	Solid immersion lenses in diamond for single-photon emitting germanium-vacancy color centers
Tu-P33	Shuyu Dong, Miloš Petrović, Lijiong Shen, Harish Krishnamoorthy, Christian Kurtsiefer, Cesare Soci	Superconducting single-photon detectors for the infrared region
Tu-P34	Philip R Dolan, Ted S Santana	Third-order correlation studies on NV centres in nanodiamonds

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Th-P01	Robert Graham, Dmitry Morozov, Ewan McKenzie, Zhaozhong Chen, Anthony Kelly, Scott Watson, Martin Lavery, Robert Hadfield	High efficiency SNSPD receiver for Breakthrough Starshot communications
Th-P02	Ilhwan Kim, Donghwa Lee, Seongjin Hong, Young-Wook Cho, Kwang Jo Lee, Yong-Su Kim, and Hyang Tag Lim	3×3 directionally-unbiased fiber multipoint for quantum walks
Th-P03	Jaesung Heo, Junghyun Kim, Taek Jeong, Sangkyung Lee, Yong Sup Ihn, Zaeill Kim, and Yonggi Jo	Analysis on Lossy and Noisy Channel of Computational Ghost Imaging and Simulation Imaging of the Channel via Noise-Induced Patterns
Th-P04	S. T. Mister, Thomas Nutz, Petros Androvitsaneas, Andrew Young, E. Harbord, J. G. Rarity, Ruth Oulton, and Dara P. S. McCutcheon	Application of coherent scattering from spin doped quantum dots to entanglement generation.
Th-P05	Taek Jeong, Duk Y. Kim, Jaesung Heo, Yonggi Jo, Zaeill Kim, and Su-Yong Lee	Click, non-click target detection using temporal correlation of photon pairs
Th-P06	Wooyeong Song, Yong-Su Kim, and Seung-Woo Lee	Encoded fusion-based quantum computation with photons
Th-P07	Donghwa Lee, Tanumoy Pramanik, Seongjin Hong, Young-Wook Cho, Hyang-Tag Lim, Seungbeom Chin, and Yong-Su Kim	Entangling identical particles via spatial overlap: Experimental generation of tripartite genuine entanglements
Th-P08	O. V. Borzenkova, I.V. Kondratyev, G. I. Struchalin, S. S. Straupe, S. P. Kulik, and J. D. Biamonte	Error mitigated variational algorithm on a photonic processor
Th-P09	Francesco Malanga, Giulia Acconcia, Massimo Ghioni, Ivan Rech	Fast-Time-to-Amplitude Converter: an 8-channel configurable timing circuit up to 100Mcps and picosecond RMS precision
Th-P10	Dong-Hyun Kim, Byungjoo Kim, Yong-Su Kim, Kyunghwan Oh, and Hyang-Tag Lim	Generation of high-dimensional entangled states using double-Sagnac interferometer
Th-P11	Jaehak Lee, Nuri Kang, and Seung-Woo Lee	Hybrid quantum computation using cat code against photon loss
Th-P12	Byungjoo Kim, Seongjin Hong, Yong-Su Kim, Kyunghwan Oh, and Hyang-Tag Lim	Implementation of arbitrary controlled-unitary gates and remote unitary gates control
Th-P13	Jinil Lee, Donghwa Lee, Wooyeong Song, Yosep Kim, Seung-Woo Lee, Hyang-Tag Lim, Sang-Wook Han, and Yong-Su Kim	Improving performance of photonic variational quantum eigensolver via entangled-basis measurement and quantum error mitigation
Th-P14	S.A. Zhuravitskii, N.N. Skryabin, S.A. Fldzhyan, M.Yu. Saygin, I.V. Dyakonov, S.S. Straupe, and S.P. Kulik	Integrated linear optical Hadamard transformation on a glass chip
Th-P15	M. Gieysztor, M. Misiaszek-Schreyner, A. Anarthe, K. Joarder, D. Chan, E. Conca, A. Tosi, F. Jelezko, and P. Kolenderski	Interaction of a single photon with a single quantum system in ambient conditions
Th-P16	Dong Hwan Kim, Su-Yong Lee, Zaeill Kim, Taek Jeong, and Duk Y. Kim	Josephson Ring Modulator as a Quantum Illumination Source
Th-P17	Jeongwan Jin, Thomas Gerrits and Angela Gamouras	Calibration and comparison of detection efficiency for free-space single-photon avalanche diodes at 850 nm
Th-P18	Seok-Hyung Lee, Srikrishna Omkar, Yong Siah Teo, and Hyunseok Jeong	Loss-tolerant multiphoton-qubit-based linear optical quantum computation with nonideal fusions
Th-P19	Ivo Pietro Degiovanna, Salvatore Virzi, Enrico Rebuffello, Laura Knollb, Alessio Avella, Fabrizio Piacentini, Giorgio Brida, Marco Gramegna, and Marco Genovesea	New weak-interaction-based quantum measurement paradigms
Th-P20	Woochang Shin, Changsuk Noh, and Jiyong Park	Noisy single-photon states violate quantum Rényi-2 entropy power inequality for Gaussian states
Th-P21	Dominick J. Joch, Sergei Slussarenko, Yuanlong Wang, Alex Pepper, Shouyi Xie, Bin-Bin Xu, Ian R. Berkman, Sven Rogge, and Geoff J. Pryde	Certified random numbers from quantum steering
Th-P22	Bohdan Bilash, Wooyeong Song, Seung-Woo Lee, Hyang-Tag Lim, Yosep Kim, and Yong-Su Kim	Non-demolition Bell state discrimination between two distant parties
Th-P23	Sewon Jeong, Hyang-Tag Lim, Yong-Su Kim, and Seung-Woo Lee	Noisy-robust entanglement swapping by reversing operation
Th-P24	Junghee Ryu, Ji-Hoon Kang, and Hoon Ryu	Operational quasiprobability for nonclassicality test
Th-P25	Anouar Rahmouni, Thomas Gerrits, Alan Migdall, Oliver Slattery, Ping-Shine Shaw, Joe Rice	A low-cost optical trap detector for characterization of quantum network components
Th-P26	A. Abane, D. M. Anand, A. Amlou, L. Ait Oucheggou, Y.-S. Li-Baboud, A. Battou, J. Bienfang, I.A. Burenkov, Hala, P. Kuo, A. Migdall, S. Polyakov, A. Rahmouni, D. Reddy, P.S. Shaw, O. Slattery, and T. Gerrits	Optical Quantum Network Metrology
Th-P27	Changhoon Baek, Jiho Park, Jinhyuk Bae, and Han Seb Moon	Programmable high-dimensional quantum interference in a multimode fiber with long-coherent single photons from a warm 87Rb atomic ensemble
Th-P28	Alexander Nazarov, Boaz Lubotzky, Hamza Abudayyeh, Ronen Rapaport	Promising Quantum Key Distribution using a Single-photon source
Th-P29	Hyukgun Kwon, Youngrong Lim, Liang Jiang, Hyunseok Jeong, Changhun Oh	Quantum Metrological Usefulness of General Continuous-Variable Quantum Networks
Th-P30	Su-Yong Lee, Yonggi Jo, Taek Jeong, Dong Hwan Kim, Duk Y. Kim, and Zaeill Kim	Repeated measurement bounds for Gaussian-state illumination
Th-P31	A. Gamouras, D. J. Jubgang Fandio, A. V. Radhan, E. Yalavarthi, N. Couture, W. Cui and J.-M. Ménard	Sensitive detection scheme for terahertz single-photons
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Th-P34	Nam Hun Park, Taek Jeong, Zaeill Kim, Su-Yong Lee, Duk Y. Kim, Jihwan Kim, Hyun-jin Choi and Yonggi Jo	Study on development of efficient spectral filter for free-space quantum key distribution in daylight
Th-P35	Christopher Chunnillal, Roger Colbeck, Tom Hebdige, Ke Guo	Assessment of device-dependent quantum random number generators
Th-P36	Dong-Gil Im, Chung-Hyun Lee, Joonsuk Huh, and Yoon-Ho Kim	Sufficient condition for the efficient classical simulation of boson sampling with non-classical states
Th-P37	Jihwan Kim, Duk Y. Kim, Hyun-jin Choi, Su-Yong Lee, Yonggi Jo, Taek Jeong, Nam Hun Park, and Zaeill Kim	The quantum frequency conversion in superconducting microwave resonators via mechanical modes
Th-P38	U-Shin Kim, Yong Sup Ihn, Chung-Hyun Lee, and Yoon-Ho Kim	Trapping a free-propagating single-photon into an atomic ensemble as a quantum stationary light pulse