

# Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II (Proceedings of Spie)



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**Two-atom system as a directional frequency filter** Photon Counting . Proceedings Article SPIE 7355, Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II, 73550Z (May 18, 2009) doi:10.1117/12.821102. Text Size: A A A. **Photon counting Lidar for deep space applications: concept and** May 4, 2011 Proceedings of SPIE Volume 8072. Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing III. **Volume 6583 - Proceedings of SPIE - SPIE Digital Library** May 8, 2009 Proceedings of SPIE Volume 7355. Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II. **An extremely low-noise heralded single-photon source without** May 17, 2013 Proceedings of SPIE Volume 8773. Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing. Editor(s): .. Measurement of hyperfine splitting and determination of hyperfine structure constant of cesium 8S<sub>1/2</sub> state by using of ladder-type EIT Author(s): Jie **Photon counting delay stability as a key factor for optical time transfer** **Photon counting Lidar for deep space applications: demonstrator** Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 87730S (May 6, 2013) doi:10.1117/12.2017378 This single photon source showed a second-order autocorrelation function  $g^{(2)}(0) = 0.005(7)$ , and an Output Noise Factor (defined **Photon Counting Applications, Quantum Optics, and - SPIE** Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 877309 (May 6, 2013) doi:10.1117/12.2017398 Overall estimated device weight and volume should not exceed 2 kg and 2 dm<sup>2</sup> with the power consumption below 20 W. The **Photon Counting Applications IV and Quantum Optics and Quantum** Proceedings Article SPIE 7355, Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II **Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II** Ivan Prochazka **Quantum Optics And Quantum Information Transfer And Processing** Proc.

SPIE 8072, Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing III, 807201 (May 23, 2011) doi: 10.1117/ **Volume 8773 - Proceedings of SPIE - SPIE Digital Library** Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 877310 (May 6, 2013) doi:10.1117/12.2017188. Text Size: A A A 2. Ficek, Z. and Tana/s, R., Entangled states and collective nonclassical effects in two-atom systems, Phys. Rep. **Quantum Optics And Quantum Information Transfer And Processing** Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 877303 (May 6, 2013) doi:10.1117/12.2017355 2. Weiss, S., Measuring conformational dynamics of biomolecules by single molecule fluorescence spectroscopy, Nature. Struct. **Volume 7355 - Proceedings of SPIE - SPIE Digital Library** Mar 31, 2015 Page 2 Photon Counting Applications IV and Quantum Optics and Quantum information processing Proceedings of SPIE Generation of **Photon Counting Applications, Quantum Optics, and** - SPIE 8773, Photon Counting Applications IV and Quantum and Quantum Information Transfer and Processing, **Photon Counting Applications IV and Quantum Optics and** - SPIE Official Full-Text Publication: Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II on ResearchGate, the Article (PDF Available) in Proceedings of SPIE - The International Society for Optical May 8, 2009 Proceedings of SPIE Volume 7355. Photon Counting Applications, Quantum Optics, and Quantum Information Transfer and Processing II. **Photon Counting Applications, Quantum Optics, and** - SPIE May 4, 2011 Proceedings of SPIE Volume 8072. 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May 07, 2009. **SPIE Optics + Optoelectronics** Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 87730M (May 6, 2013) doi:10.1117/12.2017403 Vacek, M., Photon counting altimeter and lidar for air and space borne applications, Proc. SPIE 8072, 80720B (2011). 2. **Compact 32-channel time-resolved single-photon detection system** May 17, 2013 Proceedings of SPIE Volume 8773. Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing. Editor(s): .. Measurement of hyperfine splitting and determination of hyperfine structure constant of cesium 8S1/2 state by using of ladder-type EIT Author(s): Jie **Photon Counting Applications, Quantum Optics, and** - SPIE Mar 31, 2015 photon counting applications iv and quantum - and Quantum optics quantum information transfer and processing II : Proceedings of SPIE, **Photon Counting Applications, Quantum Optics, and** - ResearchGate Proceedings Article SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 87730D (May 6, 2013) doi:10.1117/12.2017408 Becker, W., [Advanced Time-Correlated Single Photon Counting Techniques], Springer, Berlin (2005). 2. Becker, W., Bergmann, A., **Photon Counting Applications IV and Quantum Optics and** - SPIE SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 87730L (May 6, 2013) 2. Hadfield R.H., Single-photon detectors for optical quantum information applications, Nature **The development of extremely low noise InAs electron APDs for** Proceedings Article. Front Matter: Volume 8773. Proc. SPIE 8773, Photon Counting Applications IV and Quantum Optics and Quantum Information Transfer and Processing, 877301 (May 17, 2013) doi:10.1117/12.2030986. Text Size: A A A **Thermoelectric nanowire single-photon detector - Proceedings of SPIE** SPIE Optics + Optoelectronics 2017 in Prague - host to the latest laser technology world-wide Photon Counting Applications. , Quantum Optics and Quantum Information Transfer and Processing SPIE conference papers are published in the Proceedings of SPIE and available via the SPIE Digital Library, the worlds