

Student Paper Prizes

Carl A. Miller (QuICS, NIST), chair
Tobias Gehring (DTU), co-chair

QCRYPT 2021

QCRYPT
2021

Best
Student Paper

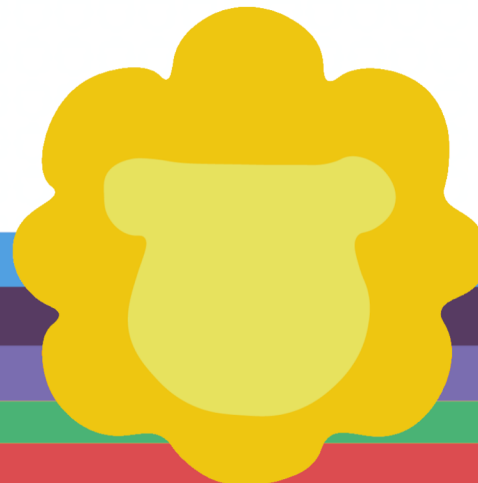
High-rate quantum key distribution with silicon photonics

Likang Zhang

Co-authors Wei Li; Hao Tan, Yan-Lin Tang, Kejin Wei, Sheng-Kai Liao, Cheng-Zhi Peng, Feihu Xu &
Jian-Wei Pan

Issued By
Christoph Marquardt
Steering Committee Chair

Issued By
Carl Miller
Program Committee Chair



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2021

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Student Paper

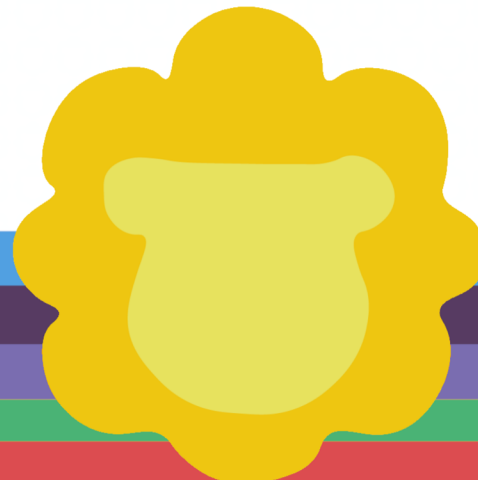
Device-independent protocols from computational assumptions

Tony Metger

Co-authors Yfke Dulek, Andrea Coladangelo, Rotem Arnon-Friedman & Thomas Vidick

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Christoph Marquardt
Steering Committee Chair

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Carl Miller
Program Committee Chair



Finalists

#106: Finite-size DIQKD with noisy preprocessing and random key measurements

Ernest Y.-Z. Tan, Xavier Valcarce, Pavel Sekatski, Jean-Daniel Bancal, Rene Schwonnek, Renato Renner, Nicolas Sangouard, Charles C.-W. Lim

#109: Drone-Based Quantum Key Distribution (QKD)

Andrew Conrad, Samantha Isaac, Roderick Cochran, Daniel Sanchez-Rosales, Akash Gutha, Tahereh Rezaei, Brian Wilens, Daniel J. Gauthier, Paul Kwiat

#134: Quantum Private Broadcasting

Anne Broadbent, Carlos E. Gonzalez-Guillen, Christine Schuknecht