

Program Committee Report

Charles LIM (J.P. Morgan/NUS) – chair

Anthony MARTIN (Université Côte d'Azur) – co-chair

QCRYPT 2022



Program Committee

28 PC members – NA (6), EMEA (12), and APAC (10)

- Romain Alleaume (Telecom Paris, FR)
- Tobias Gehring (Technical University of Denmark, DK)
- Nino Walenta (Fraunhofer HHI, DE)
- Zhiliang Yuan (Beijing Academy of Quantum Information Sciences, CN)
- Yuan Cao (University of Science and Technology of China, CN)
- Zheshen Zhang (University of Arizona, US)
- Veronica Fernandez (Spanish National Research Council, ES)
- Jacqui Romero (University of Queensland, AU)
- Bing Qi (Cisco, US)
- Eleni Diamanti (Sorbonne University, FR)
- Wang Chao (National University of Singapore, SG)
- Davide Rusca (University of Geneva, CH)
- Djeylan Aktas (Slovak Academy of Sciences, SK)
- Anthony Leverrier (Inria, FR)
- Siddarth Joshi (University of Bristol, GB)
- Mario Berta (AWS & Imperial College London, US/GB)
- Yanbao Zhang (NTT, JP)
- Stefano Pironio (Université libre de Bruxelles, BE)
- Aleksey Fedorov (Russian Quantum Center, RU)
- Wang Xiangbin (Tsinghua University, CN)
- Rotem Arnon-Friedman (Weizmann Institute of Science, IL)
- Ernest Tan (University of Waterloo, CA)
- Anna Pappa (Technical University of Berlin, DE)
- Valerio Scarani (National University of Singapore, SG)
- Hoi Kwong Lo (University of Hong Kong, HK)
- Liang Jiang (University of Chicago, US)
- Anurag Anshu (Harvard University, US)
- Yunhong Ding (Technical University of Denmark, DK)

Review Process

We received **121 talk submissions** (typically 100+ subs)

81 were submitted as “Theory” and 40 as “Experiment.”

Talk submission open: 2nd April
Talk submission deadline: 3rd May (AOE)
Review phase: 5th May to 2nd June
Discussion phase: 3rd June to 27th June
Talk acceptance notification: 30th June
Poster submission deadline: 5th July (AOE)
Poster acceptance notification: 15th July
Conference: 29 August to 2 September

Reviewing guidelines:

Looking at accepting between 28 to 32 talks (23% to 26% acceptance rate)

Competitive rate – Similar to PRL 😊

Outcomes

We accepted 33 talks (19 theory; 14 experiment) and 130+ posters

Acceptance ratio for theory papers: 23.4%

Acceptance ratio for experiment papers: 35.0%

Best student prizes (theory and experiment):

15 talks qualified (45%) – 6 theory and 9 experiment

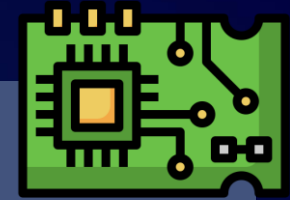
All PC members (with no COIs) are invited to vote – (22/28 participated)



Best Theory Student Paper

Generalized entropy accumulation for quantum cryptography

Tony Metger, Omar Fawzi, David Sutter, and Renato Renner



Best Experiment Student Paper

Towards 100 Mbps secret key rate QKD

Fadri Grünenfelder, Alberto Boaron, Matthieu Perrenoud, Giovanni Resta, Raphael Houlmann, Sylvain El-Khoury, and Hugo Zbinden