

# TQC 2020 poster starting time schedule

Time GMT+3					
13:10	<b>1. Fine-grained quantum supremacy based on Orthogonal Vectors, 3-SUM, and All-Pairs Shortest Paths</b> Ryu Hayakawa, Tomoyuki Morimae and Suguru Tamaki	<b>2. Polylog-overhead fault-tolerant measurement-based quantum computation by homodyne detection</b> Hayata Yamasaki, Kosuke Fukui, Yuki Takeuchi, Seiichiro Tani and Masato Koashi	<b>3. Adaptive circuits exponentially outperforms parallel ones for universal unitary inversion</b> Marco Túlio Quintino, Qingxiuxiong Dong, Atsushi Shimbo, Akihito Soeda and Mio Muraio	<b>4. Variational quantum algorithms for calculating nonadiabatic couplings</b> Shiro Tamiya and Yuya Nakagawa	<b>5. Approximate quantum non-demolition measurements</b> Sami Boulebnane, Mischa Woods and Joe Renes
13:30	<b>6. Collectively induced exceptional points of quantum emitters coupled to nanoparticle surface plasmons</b> Po Chen Kuo, Neill, Adam Miranowicz, Hong-Bin Chen, Guang-Yin Chen, Yueh-Nan Chen and Franco Nori	<b>7. QAOA Algorithms for NISQ Quantum Ising and Z2 Lattice Gauge Simulation</b> Changyuan Liu	<b>8. Quantum Communication using Continuous Variables</b> Srikara S, Kishore Thapliyal and Anirban Pathak	<b>9. Error in quantum deletion can lead to better deletion</b> V Sujan and S Balakrishnan	<b>10. Bipartite energy-time uncertainty relation for quantum metrology with noise</b> Philippe Faist, Victor V. Albert, Mischa Woods, Joseph M. Renes and John Preskill
14:00	<b>11. Memory Cost of an Anti-malware Quantum Network Design</b> Marek Winczewski, Karol Horodecki, Adam Rutkowski and Omer Sakarya	<b>12. The Binary-Outcome Detection Loophole</b> Thomas Cope	<b>13. Quantum Request-Answer Game with Buffer Model for Online Algorithms</b> Kamil Khadiev and Dmitry Lin	<b>14. Lackadaisical quantum walks on triangular and honeycomb 2D grids</b> Nikolajs Nahimovs	<b>15. One-out-of-m spacetime-constrained oblivious transfer</b> Damián Pitalúa García
14:30	<b>16. Error Suppression in Continuous-time Quantum Computing</b> Jemma Bennett	<b>17. An energetic perspective on rapid quenches and quantum walks</b> Max Festenstein, Adam Callison, Jie Chen, Laurentiu Nita, Viv Kendon and Nicholas Chancellor	<b>18. Space-efficient binary optimization for QAOA for Travelling Salesman Problem</b> Adam Glos, Aleksandra Krawiec and Zoltán Zimborás	<b>19. Multiobjective VQE with genetic Pareto optimization</b> Oleksandr Kyriienko	
15:00	<b>20. Memory Effects in Quantum Processes</b> Philip Taranto	<b>21. Understanding quantum walks with machine learning methods</b> Alexey Melnikov, Leonid Fedichkin, Ray-Kuang Lee and Alexander Alodjants	<b>22. Some properties of combinatorial quantum abstract detecting systems</b> J. Miguel Hernández Cáceres, Elías F. Combarro, José Ranilla and Ignacio F. Rúa	<b>23. Entanglement, gravity, and violation of the discrete symmetries</b> Kyrylo Simonov	<b>24. Practical quantum tokens without quantum memories: towards a proof-of-principle experimental demonstration</b> Damián Pitalúa García, Adrian Kent, David Lowndes and John Rarity
15:30	<b>25. Mitigation of readout noise by classical post-processing based on Quantum Detector Tomography</b> Filip Maciejewski, Zoltán Zimborás and Michal Oszmaniec	<b>26. Quantum-over-classical Advantage in Solving Multiplayer Games</b> Dmitry Kravchenko, Kamil Khadiev, Danil Serov and Kapralov Ruslan	<b>27. Collaborative Computational Project - Quantum Computing</b> Viv Kendon	<b>28. Quantum Bandit</b> Balthazar Casalé, Giuseppe Di Molfetta, Hachem Kadri and Liva Ralaivola	
16:00	<b>29. Property-based Testing of Quantum Programs in Q#</b> Shahin Honarvar, Mohammad Reza Mousavi and Rajagopal Nagarajan	<b>30. Optimal local unitary encoding circuits for the surface code</b> Oscar Higgott, Matthew Wilson, James Hefford, James Dborin, Farhan Hanif, Simon Burton and Dan Browne	<b>31. Everlasting Secure Key Agreement with performance beyond QKD in a Quantum Computational Hybrid security model</b> Nilesh Vyas and Romain Alléaume	<b>32. Grover's Search Implementation with Basic Gates</b> Maksims Dimitrijevs and Kamil Khadiev	
16:30	<b>33. Positive maps and Matrix Contractions from the Symmetric Group</b> Felix Huber	<b>34. Classical and Quantum Improvements of Generic Decision Tree Constructing Algorithm for Classification Problem</b> Ilnaz Mannapov, Kamil Khadiev and Liliya Safina	<b>35. Quantum advantage from energy measurements of many-body quantum systems</b> Leonardo Novo, Juani Bermejo-Vega and Raul Garcia-Patron	<b>36. Tomography on Continuous Variable States</b> Ludmila Botelho	
17:00	<b>37. Pseudo-dimension of quantum circuits</b> Matthias C. Caro and Ishaun Datta	<b>38. Classical Simulation of Noncontextual Pauli Hamiltonians</b> William Kirby and Peter Love	<b>39. Non-local computation meets holography</b> Alex May, Geoff Pennington and Jonathan Sorce	<b>40. Homotopical approach to quantum contextuality</b> Cihan Okay and Robert Raussendorf	
17:30	<b>41. PT-Symmetric Model for Quantum Computation</b> Salini Karuvade, Abhijeet Alase and Barry C. Sanders	<b>42. Fermionic error correction on Majorana codes</b> Sourav Kundu and Ben Reichardt	<b>43. Nearly-optimal time-independent reversal of a spin chain</b> Aniruddha Bapat, Eddie Schoute, Alexey Gorshkov and Andrew Childs	<b>44. Holographic Mean Value Algorithms for 2D and 3D Circuits</b> Nathan Ju	
18:00	End				