Number	AQC 2024 Poster Title	Author(s)	Affiliation
1	A Cluster-First Route-Second Framework Using Quantum Annealing for Multi-Vehicle Bike Sharing System Routing Problem	Yamane, Naoki	
2	A Hybrid Method of Ising Machine and Simulated Annealing for Constrained Combinatorial Optimization Problems	Amino, Akane	Keio University
3	Adiabatic Bottlenecks in Quantum Annealing and Nonequilibrium Dynamics of Paramagnons	Bode, Dr. Tim	Forschungszentrum Jülich
4	Analysis of phase transition points in a permutation model on hierarchical lattice by real-space renormalization	Ito, Ryuki	Department of Physics, Tokyo Institute of Technology
5	Annealing with a Single Gap-Tunable Flux Qubit	Chen, Yifei	
6	Annealing-Assisted Column Generation Method for the Combinatorial Optimization Problems with Inequality Constraints	Kanai, Mr. Hiroshi	Keio University Graduate School of Science and Technology
7	Application of Ising machines with multiple-model learning for multi-objective black-box discrete optimization problems	Fukuda, Tokiya	
8	Coherent Ising Machines with Artificial Zeeman terms	Mastiyage Don, Sudeera . Hasaranga Gunathilaka	Tokyo Institute of Technology
9	Comparison between reverse annealing and simulation	Hasegawa, Mr. Yasushi	Tohoku University
10	Deep-learning-based Randomness assessment of Quantum Random Number Generators	Tebyanian, Dr Hamid	University Of York
11	Development of Exact Solution Method forBinary Quadratic Programming Problems Using Quantum Annealing and Dantzig-Wolfe Decomposition	Hirama, Sota	Tohoku University
12	Diagonal catalyst in finite-time quantum annealing	Hattori, Tomohiro	
13	Effectiveness of Quench on the Feasible Solution Acquisition in Quantum Annealing	Takahashi, Mr Keita	Keio University
14	Energy costs of fast-forward scaling	Hatomura, Takuya	NTT Corporation
15	Ensemble learning using quantum annealing: a comparative study of QBoost and black-box optimization	Kodama, Kento	
16	Exploration of new chemical materials using black-box optimization with the D-wave quantum annealer	Doi, Mikiya	Graduate School of Information Sciences, Tohoku University
17	Factorization machine with annealing with data sampling from multiple distributions	Seki, Dr. Yuya	Keio University
18	Fast algorithm for Bayesian optimization of highdimensional combinatorial problems	Morita, Keisuke	Graduate School of Information Sciences, Tohoku University
19	Fast Simulated Annealing inspired by Quantum Monte Carlo	Murashima, Kiyotaka	Sumitomo Electric Industires, Ltd.
20	Human health examination scheduling: flexible formulation and its optimization based on quantum annealing	Otsuka, Makoto	LiLz Inc.
21	Neural Monte Carlo simulations of quantum spin glasses	Brodoloni, Mr. Luca	University Of Camerino
22	Observation of localization based on quantum dynamics	Kudo, Prof. Kazue	Ochanomizu University
23	Optimal noisy quantum transport on complex networks	Radgohar, Roya	Université de Sherbrooke

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24	Optimization of connection patterns to base stations with Quantum Annealing	Takabayashi, Taisei	
25	Partitioning Problems with Two Way-OH by Clustering QUBO Variables	Kamishima, Yuko	Yaskawa Electric Corporation, Keio University
26	Persistent Tensors and Multiqudit Entanglement Transformation	Gharahi, Masoud	
27	Physical Properties of Error Reduction Algorithms for Ising machines	Hino, Mr. Kanta	Keio University
28	Quantum analogues of dissipative circuit elements	Zagoskin, Dr Alexandre	Loughborough University
29	Quantum Annealing for Aircraft Logistics	Chancellor, Dr Nick	Newcastle University
30	Quantum Computing in Power and Energy System Applications	Deb, Dr Sanchari	Newcastle University
31	Random compilers for Hamiltonian simulation via Markov chains	Dubus, Ir. Benoît	Quic Ulb
32	Removal of mislabeled training instances using black-box optimization and quantum annealing	Otsuka, Makoto	LiLz Inc.
33	Similarity and transferability in linearized QAOA parameters	Sakai, Ryo	Jij Inc.
34	Solving constrained combinatorial optimization problems on quantum devices with linear penalty terms	van den Heuvel, Pim	Forschungszentrum Juelich
35	Solving Scheduling Problems Using Finite Temperature Quantum Annealing	Fujii, Toru	Nikon Corporation
36	Stochastic parameterization of an atmospheric model assisted by quantum annealing	Guillaume, Dr. Alexandre	Jet Propulsion Laboratory
37	Temperature-quantum hybrid annealing based on quantum-classical correspondence theory	Abe, Mr. Tetsuro	Keio University
38	Time Dependent Density Functional Theory in Ising Models via Deep Learning Functionals	Costa, Emanuele	University Of Barcelona
39	Approximating the state manifold geometry	Střeleček, Jan	Charles University In Prague
40	Investigating solving QUBO problems on a circuit based quantum computer	Mcneile, Dr Craig	University Of Plymouth
41	Generalising concentratable entanglement for practical applications: mixed, qudit, and optical states	Foulds, Dr Steph	University Of Strathclyde
42	Onset of scrambling as a dynamical transition in tunable-range quantum circuits	Kuriyattil, Sridevi	University Of Strathclyde
43	Annealing Dynamics of Regular Rotor Networks: Universality and Its Breakdown	Grabaritis, Andras	University of Luxembourg
44	Universally Robust Quantum Control	Poggi, Pablo	University Of Strathclyde
45	Optimisation of weighted graph preparation in neutral atom arrays	Pelegri, Gerard	University Of Strathclyde
46	Quantum annealing: Sampling efficiency for 2-SAT problems with multiple solutions	Mehta, Vrinda	Forschungszentrum Jülich
	Poster boards are up to A0 portrait size, velcro fixing will be provided.		
	Odd numbers present on Tuesday afternoon, poster session 1.		
	Even numbers present on Thursday afternoon, poster session 2.		
	All posters can be on display in the coffee/lunch area all week.		