

# Publications Hans J. Briegel

## Preprints

*Variational measurement-based quantum computation for generative modeling*, A. Majumder, M. Krumm, T. Radkohl, H. Poulsen Nautrup, S. Jerbi, H. J. Briegel, e-print: arXiv:2310.13524 [quant-ph] (2023).

*Multi-excitation projective simulation with a many-body physics inspired inductive bias*, P. A. LeMaitre, M. Krumm, and H. J. Briegel, e-print: arXiv:2402.10192 [cs.LG, cs.AI] (2024).

*Measurement-based quantum computation from Clifford quantum cellular automata*, H. Poulsen Nautrup and H. J. Briegel, Physical Review A, accepted (2024). E-print: arXiv:2312.13185 [quant-ph].

## Refereed and Invited Articles

*Quantum circuit synthesis with diffusion models*, F. Fürtter, G. Muñoz-Gil, and H. J. Briegel, Nature Machine Intelligence 6, 515–524 (2024).

*Parity quantum computing as yz-plane measurement-based quantum computing*, I. D. Smith, H. Poulsen Nautrup, and H. J. Briegel, Physical Review Letters 132, 220602 (2024).

*Towards interpretable quantum machine learning via single-photon quantum walks*, F. Flamini, M. Krumm, L. J. Fiderer, T. Müller, and H. J. Briegel, Quantum Sci. Technol. 9 045011 (2024).

*Optimal foraging strategies can be learned*, G. Muñoz-Gil, A. López-Incera, L. J. Fiderer, and H. J. Briegel, New J. Phys. 26, 013010 (2024).

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