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## ANDREW CHILDS

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Andrew Childs is a professor in Department of Computer Science and Institute for Advanced Computer Studies in University of Maryland. He is also the Co-director for Joint Center for Quantum Information and Computer Science (QuICS). In his 13 years of academic serving, he guided and produced many undergraduate research students, graduate students as well as postdoctoral scholars. His research interests include to better understand the power of quantum systems, to process information especially in quantum algorithms, including topics such as quantum simulation, quantum query complexity, quantum walk, and quantum algorithms for algebraic problems. He is also active in his academic services to extend his help to others including, taking up the position of associate editor of SIAM Journal on Computing, program committee chair for QIP 2020, and Co-organizer for Simons Institute programs on Challenges in Quantum Computation and The Quantum Wave in Computing.

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