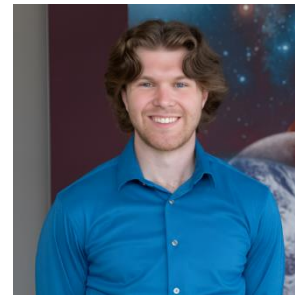


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Michael Kuban is a Ph.D. candidate in Electrical and Computer Engineering at Carnegie Mellon University and a National Science Foundation Graduate Research Fellow. His research in quantum photonics centers on solid-state single-photon emitters in silicon carbide for quantum networking and sensing. His current work involves first-principles modeling of defects in 4H-SiC and experimental characterization techniques for single-photon emitters. Michael earned his M.S. in Electrical and Computer Engineering from Carnegie Mellon and his B.S. in Engineering Physics from The Ohio State University. Before his doctoral studies, he was a quantum communications intern at NASA Glenn Research Center. He is a member of the Pittsburgh Quantum Institute and has authored technical papers in the fields of quantum communications and quantum-defect modeling.