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Isabel Streicher currently works at Cornell University as KIC experimental postdoctoral fellow. Her research focuses on the growth of transition-metal nitrides and their integration in GaN-based electronics. She obtained her PhD degree with distinction in 2024 at the University of Freiburg, Germany in sustainable systems engineering with her work on the epitaxial growth of the novel transition metal nitrides AlScN and AlYN by metal–organic chemical vapor deposition. She conducted this work as research associate at the Fraunhofer Institute for Applied Solid State Physics IAF, Germany. After her PhD she was with the National Research Council of Italy - Institute for Microelectronics and Microsystems CNR-IMM in Catania, Italy focusing on the growth of conventional nitrides and processing of AlScN/GaN HEMTs before returning to MOCVD of transition metal nitrides at Cornell University. Streicher can be reached by email at isabel.streicher@cornell.edu.