Bob Heinemann is a Principal Engineer at The MITRE Corporation with an extensive background in embedded systems, cybersecurity, and 5G technology. As a subject matter expert, he has dedicated his career to evaluating the security and resiliency of a vast array of embedded and cyber-physical systems, including consumer devices, medical equipment, mobile platforms, vehicles, and industrial control systems for numerous U.S. government sponsors. He also contributes his expertise as a Common Weakness Enumeration (CWE™) team member, where he applies his deep knowledge to content development and community engagement. In addition to his extensive professional experience, Bob lectures on Embedded Systems Security at the University of Maryland College Park. He received his B.S. in Computer Science from West Chester University and an M.S. in Information Security & Assurance from George Mason University.