



Pat Pelland is the Business Development Manager at NSI-MI technologies, based in Atlanta, Georgia. In this role, he works with the engineering, sales, marketing, and senior management teams to grow NSI-MI's global footprint in the antenna and RF measurement industries. Pat also manages NSI-MI's online and in-person short course offerings and regularly contributes to the company's research and development activities. Pat has spent his professional career working in the antenna measurement field with an emphasis on spherical near-field theory and uncertainty analysis. Prior to working at NSI-MI, Pat worked with the Canadian Space

Agency's Radio Frequency Qualification Group as a contract employee during his time as a graduate student. Pat has been an active member of the Antenna Measurements Techniques Association (AMTA) since 2010. Pat has authored and co-authored a number of papers for a variety of international technical conferences, including AMTA, APS, EuCAP, EuMW, and ANTEM.

Pat holds a Master of Applied Science in Electrical and Computer Engineering and a Bachelor of Applied Science in Electrical Engineering, both from the University of Ottawa in Ontario, Canada. In conjunction with the Canadian Space Agency, he developed an automated error evaluation procedure for spherical near-field antenna measurements. This research was presented in his master's thesis, titled "Automated Error Assessment in Spherical Near-Field Antenna Measurements". Several technical papers were written as a follow-up to this research in the years since Pat's graduation.