



Dan Foster-Roman - Plenary Committee

Dan Foster-Roman is the manager of Ontario Power Generation's Monitoring and Diagnostic Centre team who provide a variety of analytics and monitoring services across OPG's Nuclear, Thermal and Renewable Generation fleet. His focus is on applying machine learning and physics-based modeling to prevent costly equipment failures and improve maintenance and operational efficiency. Dan is a Mechanical Engineering graduate from McMaster University with a Machine Learning Certification from Cornell University. With past experience in reactor safety and system performance engineering at Darlington Nuclear, he brings a strong track record of leveraging plant data and predictive analytics to drive continuous improvement. While still early in his career, Dan is a recognized speaker and is OPG's primary advisor to the Electric Power Research Institute's Plant Modernization program and Integrated Monitoring & Diagnostics technical advisory committee.