

# ASPE TechSymposium 2021



**Robert Marsiglia, CPDT**

*Rob Marsiglia is the National Business Development Manager (Commercial Products) for Asahi/America. Rob has more than 35 years of experience with metallic and nonmetallic piping and valve systems for commercial, industrial, and sanitary/high-purity applications. He holds an associate's degree in Mechanical Technology and a bachelor's degree in Mechanical Engineering. He has published articles on thermoplastics, including using PP-RCT to improve pumping efficiency. Rob is a member of ASPE and ASHRAE and lives in Northern, New Jersey.*

## PP-RCT for Building Services Piping

This session will provide an overview of PP-RCT pipe certifications, material and installation costs, designing for pressure and temperature capabilities, insulating properties and benefits, energy efficiency regarding comparative pumping pressures and flow rates, and LEED consideration, and green advantages. Other topics will include the comparative benefits of PP-RCT and HDPE and design criteria via comparisons to steel and copper: approvals, cost, corrosion resistance, thermal conductivity, weight, flow capacity, and pressure loss.