

## **Charles Koehler**

### **AO Smith**

Dr. Charles Koehler was awarded his Ph.D. in Materials Science & Engineering from Marquette University in 1998. For the past 8 years, he has worked as a Staff Engineer for A.O. Smith at their Corporate Technology Center in Milwaukee, WI. During his career he has studied non-stoichiometric oxides used in fuel cells and oxygen sensors, co-authored several patents on impedance spectroscopy based fluid condition monitoring sensors for the trucking industry, formulated flammable vapor sensors based on percolation theory and he is currently focused on improving the performance of air quality sensors to meet the needs of residential air filtration equipment.