

Kurt Schmidt

Dr. Kurt A. G. Schmidt is currently the Fluid Modelling Product Champion and Scientific Advisor for Fluid Properties with Schlumberger. He holds a doctorate in Physics from the University of Bergen in Norway and a B.Sc. and a M.Sc. in Chemical Engineering from the University of Alberta in Canada. He is also a member of the International Association of Transport Properties (IATP). He is actively involved with experimental and theoretical research into the thermodynamic and transport properties of fluid systems. His previous role at DBR Technology Center involved the development of PVT experimental techniques for complex reservoir fluids. In his current role, he is focused on the development and commercialization of thermodynamic and transport properties calculations, fluid databases and fluid characterization workflows in the cloud environment. Recently, he has been applying artificial intelligence and physics informed machine learning to large scale fluid systems. He has co-authored over 25 publications, over 30 conference presentations and has co-invented 4 U.S. patents. Kurt is currently located in Calgary, Alberta, Canada and is registered professional engineer in Alberta.