

Meet the Presenter...

Ralf Sudowe

Dr. Ralf Sudowe currently holds an appointment as Associate Professor for Radiochemistry & Health Physics in the Department of Environmental and Radiological Health Sciences at Colorado State University. He has extensive experience in the area of nuclear and radiochemistry, in particular in the development of radioanalytical separations for actinide and transactinide elements as well as fission products. He received a M.S. in Chemistry from the Philipps-University Marburg in Germany in 1995 and a Ph.D. in Nuclear Chemistry from the same institution in 1999. Dr. Sudowe spent two years as Visiting Postdoctoral Fellow in the Nuclear Science Division at Lawrence Berkeley National Laboratory and then worked for five years as a Staff Scientist in the Nuclear Science and Chemical Sciences Division at LBNL. Before coming to Colorado State University in 2016, Dr. Sudowe spent ten years as a faculty member in the Department of Health Physics & Diagnostic Sciences at University of Nevada Las Vegas, where he held appointments as Assistant Professor (2006 – 2012) and Associate Professor (2012 – 2016).



Dr. Sudowe's research focuses on the development and optimization of advanced separation methods for the emergency response and environmental monitoring, nuclear forensics and safeguards as well as the nuclear fuel cycle. In addition he is involved in the study of the fundamental chemical properties of the heavy actinide and transactinide elements. At CSU he teaches lecture courses in radiochemistry and radiation detection, as well as laboratory courses in radiochemistry and radiation measurements. Dr. Sudowe is a member of the American Chemical Society, the American Nuclear Society, ASTM International and the Health Physics Society.

Contact information:

Phone: +1 (970) 491-0219

Email: ralf.sudowe@colostate.edu

