

Meet the Presenter...

Dr. Supathorn Phongikaroon



Supathorn Phongikaroon, Ph.D., P.E., is an Associate Professor in Department of Mechanical and Nuclear Engineering at the Virginia Commonwealth University (VCU). Prior joining VCU in 2014, he was an Assistant Professor in the Department of Chemical and Materials Engineering and Nuclear Engineering Program at the University of Idaho, Idaho Falls Campus (2007 – 2013) and was a Radiochemistry Laboratory lead at the Center for Advanced Energy Studies (2011 – 2013). He has over 10 years of experience in high temperature chemical and electrochemical experiments and detection for used nuclear fuel separations and processes. Currently, he is the lead principle investigator (PI) and co-PI on the 2012, 2013, and 2014 Nuclear Energy University Program (NEUP) projects, respectively, relating to safeguard and material detection and accountability in molten salt for pyroprocessing technology. He has led and collaborated on many electrochemical and chemical separation projects for used nuclear fuel since 2004 with several national and international laboratories and leading universities. He has authored and co-authored more than 20 peer-reviewed publications, and given over 50 presentations about molten salt system at national and international conferences and workshops.



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