

Haiqing Guo, PhD

Haiqing Guo worked at the FAA Technical Center's Fire Safety Branch between 2016 and 2021, as a contracting Fire Research Scientist. His work was focused on CFD modeling of fire and smoke transport in the aircraft, modeling of fire kinetics in MCC, and interaction between fire and fire retardant materials. He is a graduate of the University of Maryland where he obtained his PhD in Mechanical Engineering. His previous research experience is primarily on soot oxidation in hydrocarbon free flames, and burning rate emulator for condensed fuel. In addition, he also actively worked on optical diagnostics, diffusion flames, etc.