

Andre Marshall is an Assistant Professor in the Fire Protection Engineering Department at University of Maryland, College Park. Prof. Marshall's research is focused on experimental characterization of transport in fires, flames, and related flows. His current experimental configurations of interest include unconfined and bounded fire plumes, extremely heated saturated soil, vitiated counterflow diffusion flames near extinction, film cooling used in propulsion systems, and fire suppression sprays. He has funded research programs from NASA, the National Science Foundation, the National Fire Sprinkler Association, the National Institute of Standards and Technology (Building and Fire Research Laboratory), and DuPont Corporation. Before joining the faculty at the University of Maryland in 2001, Dr. Marshall worked with Rolls-Royce developing low emissions fuel injection technology for aircraft engines.