

Randall McDermott, Ph.D.

Randall McDermott joined the Fire Research Division at NIST in 2008. He received a B.S. from the University of Tulsa in Chemical Engineering in 1994, a Ph.D. from the University of Utah in 2005, and did his post-doctoral work at Cornell University. Dr. McDermott is a principal developer of the NIST Fire Dynamics Simulator. His research interests include turbulent combustion, subgrid-scale models and numerical methods for large-eddy simulation, adaptive mesh refinement, immersed boundary methods, and Lagrangian particle methods.