Dr. Alexander L. Brown is a senior research engineer at Sandia National Labs in Albuquerque, New Mexico, USA. He has been at Sandia for eight years, and has focused a majority of his work on fire environments and assured safety research for transportation related fires. He has significant experience modeling fire environments with Fuego, Sandia's massively parallel reacting flows research code. He has also worked on the design of many experimental programs designed to understand the fire environment related to transportation fires.