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Alan Stagg is an Engineering Researcher in the Modeling and Simulation Group in the Computational Sciences and Engineering Division at Oak Ridge National Laboratory. Alan has over twenty-four years experience in the areas of computational fluid dynamics and high performance computing. In particular he has worked extensively in the development of Lagrangian hydrodynamics methods for multicomponent and multiphase flows. Throughout his career, he has worked on a wide variety of software development projects, including modeling of electromagnetic pulse, thermonuclear burn, and species mixing. In the meshing area, he has contributed on teams developing a parallel, adaptive-refinement meshing tool for groundwater modeling as well as a three-dimensional, multiblock grid generator. Much of his work has focused on applications of national security for NNSA.

Alan has Ph.D. and M.S. degrees in aerospace engineering from The University of Texas at Austin, as well as a B.S. in chemistry and B.A. in physics from Ouachita Baptist University. He has worked for Cray Research, The U.S. Army Engineer Research and Development Center, and Los Alamos National Laboratory.