

Kenneth W. Childs

Modeling and Simulation Group
Computational Sciences and Engineering Division
Oak Ridge National Laboratory
Oak Ridge, TN 37831-6085, USA
Phone: (865) 576-576-1759
Fax: (865) 576-0003
Email: childskw@ornl.gov

Mr. Childs has over thirty five years of research and development experience in the following areas of engineering analysis but with an emphasis throughout his career on thermal analyses of engineering systems: computational fluid dynamics and heat transfer; stress analysis; thermodynamic cycle analysis; environmental impact analysis; and optimization of engineering systems with genetic algorithms.

He is the chief developer and maintainer of the general-purpose, conduction heat transfer program HEATING. He authors/coauthors over 80 reports and papers in the open literature. Mr. Childs has B.S. and M.S. degrees in Mechanical Engineering from the University of Tennessee. He is a licensed Professional Engineer and a member of the American Society of Mechanical Engineers.