



Scott Lawrence

PSAM12 Speaker Bio

Title: **A Failure Propagation Modeling Method for Launch Vehicle Safety Assessment**

Short Statement: First author (with Donovan Mathias and Ken Gee) and presenter



BIOGRAPHY

Scott Lawrence is an Aerospace Engineer in the Systems Analysis Group at NASA Ames Research Center. During his 27 years at NASA, Dr. Lawrence has worked to develop and apply computational fluid dynamics methods to problems in hypersonic aerothermodynamics, supersonic aerodynamics, as well as crew safety. His recent work has focused on applying analysis methods of various levels of fidelity to the characterization of failure environments created by catastrophic failure of launch vehicles. Dr. Lawrence received his B.S., M.S., and Ph.D. degrees in Aerospace Engineering from Iowa State University, in Ames, Iowa.