I. Journal Articles.

A. Regular research and review articles


**B. Editorials, book reviews, and comments**


**II. Book Chapters**


• Mohd-Yusof, J., Livescu, D. and Kelley T. M. "Adapting the CFDNS compressible Navier-Stokes


### III. Peer-reviewed Conferences


- Aslangil, D., Livescu, D. and Banerjee, A. “Variable-density effects on turbulent mixing,” presented


Srinath, A., Livescu, D. and Miller, R. "A novel strategy for compact finite difference evaluation on
GPU-accelerated clusters," presented at the 24th International Congress of Theoretical and Applied Mechanics, Montreal, Canada, August 21-26, 2016.


• Livescu, D., Mohd-Yusof, J. and Kelley, T. M. “Direct Numerical Simulations of reacting compressible turbulence with type Ia supernova microphysics,” invited presentation at the SIAM


• Livescu, D. and Ristorcelli, J.R. “Mixing asymmetry and the mix parameter in variable density turbulence,” presented at the 11th International Workshop on the Physics of Compressible Turbulent Mixing, Santa Fe, NM, July 11-17, 2008.


• Livescu, D. and Ristorcelli, J.R. “Characteristics of Buoyancy-Driven Variable Density Turbulence,” in Proceedings of the 10th International Workshop on the Physics of Compressible Turbulent Mixing,


### IV. Non-peer reviewed conferences


November 18-20, 2008.


• Ristorcelli, J. R. and Livescu, D. “Decay of isotropic turbulence: fixed points and solutions for non constant palinstrophy,” Bulletin of American Physical Society, 49(14), 128, presented at the 57th annual Meeting of the American Physical Society, Division of Fluid Dynamics, Seattle, WA,


V. Other publications and selected LANL Reports


