

Abstract for an Invited Paper
for the DFD08 Meeting of
The American Physical Society

Videos and images from 25 years of teaching compressible flow

GARY SETTLES, Penn State University

Compressible flow is a very visual topic due to refractive optical flow visualization and the public fascination with high-speed flight. Films, video clips, and many images are available to convey this in the classroom. An overview of this material is given and selected examples are shown, drawn from educational films, the movies, television, etc., and accumulated over 25 years of teaching basic and advanced compressible-flow courses. The impact of copyright protection and the doctrine of fair use is also discussed.