



TECHNOLOGY

Compressible Shear Layer Mixing Enhancement and Suppression by Compressibility and Shear Modulation

OVERVIEW

Researchers at the University of Maryland have developed a new technique for engineering enhanced or suppressed mixing in compressible shear/mixing layers. The technique primarily relies on the manipulation of the density and velocity ratio across the mixing layer to alter its compressibility and shear, thereby either increasing or decreasing its growth rate.

For additional information, please contact the Office of Technology Commercialization, University of Maryland College Park, via e-mail at otc@umd.edu or phone at 301-405-3947.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Aerospace

EXTERNAL RESOURCES

PS-2008-050