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PUBLICATIONS & PRESENTATIONS

Journal Publications

Baskaran, K., Parimalanathan, S. K., Dhamanekar, A., & Srinivasan, K. (2018). “Effects of passive grids on pipe and orifice jet noise”. *Journal of Sound and Vibration*, 435, 218-233.

Baskaran, K., & Srinivasan, K. (2019). “Effects of upstream pipe length on pipe-cavity jet noise”. *Physics of Fluids*, 31(10), 106103. (***Featured Article and Scilight***)

Baskaran, K., & Srinivasan, K. (2019). “Aeroacoustic characteristics of subsonic flow from axisymmetric pipe-cavities”. *Physics of Fluids*, 31(10), 106107.

Baskaran, K., & Srinivasan, K. (2021). “Aeroacoustic modal analysis of underexpanded pipe jets with and without an upstream cavity”. *Physics of Fluids*, 33(1), 016108.

Conference Publications

Baskaran, K., & Dhamanekar, A. (2018, December). “Reduction of Impinging Noise Issued from Non-Circular Orifices”. In *INTER-NOISE and NOISE-CON Congress and Conference Proceedings* (Vol. 258, No. 5, pp. 2140-2145). Institute of Noise Control Engineering.

Kamliya Jawahar, H., **Baskaran, K.**, & Azarpeyvand, M. (2021). “Unsteady Characteristics of Mode Oscillation for Screeching Jets”. In *AIAA AVIATION 2021 FORUM* (p. 2279).

Jamaluddin, N. S., Celik, A., **Baskaran, K.**, Rezgui, D., & Azarpeyvand, M. (2021). “Aerodynamics and Aeroacoustics Characterisation of Isolated Rotor in Hover and Transition to Forward Flight”. In *AIAA AVIATION 2021 FORUM* (p. 2311).

Celik, A., Jamaluddin, N. S., **Baskaran, K.**, Rezgui, D., & Azarpeyvand, M. (2021). “Aeroacoustic Performance of Rotors in Tandem Configuration”. In *AIAA AVIATION 2021 FORUM* (p. 2282).

Jamaluddin, N. S., Celik, A., **Baskaran, K.**, Rezgui, D., & Azarpeyvand, M. (2021). “Aeroacoustic Performance of Propellers in Turbulent Flow”. In *AIAA AVIATION 2021 FORUM* (p. 2188).

