Movie caption list

Movie 1: Side views on the evolution of finlet-induced turbulence as observed from the cross-correlation between velocity and unsteady wall-pressure fluctuation. Results are shown for the Baseline (top left), the S6 (top right), the S4 (bottom left), and the S2 (bottom right) treatment. The streamwise measurement location for the velocity fluctuation is at $x/L = -2.55$.

Movie 2: Top views on the evolution of finlet-induced turbulence downstream of the treated area as observed from the cross-correlation between unsteady wall-pressure and velocity fluctuation. The velocity fluctuation measurement in the top row belongs to a plane at $y/H = 1$, the data from the other rows to a plane at $y/H = 0.3$. Measurement locations for the wall-pressure fluctuation are indicated with a black circle.

Movie 3: Rear views on the evolution of finlet-induced turbulence downstream of the treated area as observed from the cross-correlation between unsteady wall-pressure and velocity fluctuation. Results are shown for the S4 treatment with the measurement location for the velocity fluctuation at $x/L = -1.35$ and the measurement locations for the unsteady wall-pressure fluctuation at $x/L = -1.08$ (top) and $x/L = -0.43$ (bottom).

Movie 4: Side views on the evolution of finlet-induced turbulence as observed from the cross-correlation between velocity and unsteady wall-pressure fluctuation. Results are shown for the Baseline (top left), the S6 (top right), the S4 (bottom left), and the S2 (bottom right) treatment. The streamwise measurement location for the velocity fluctuation is at $x/L = -0.06$.