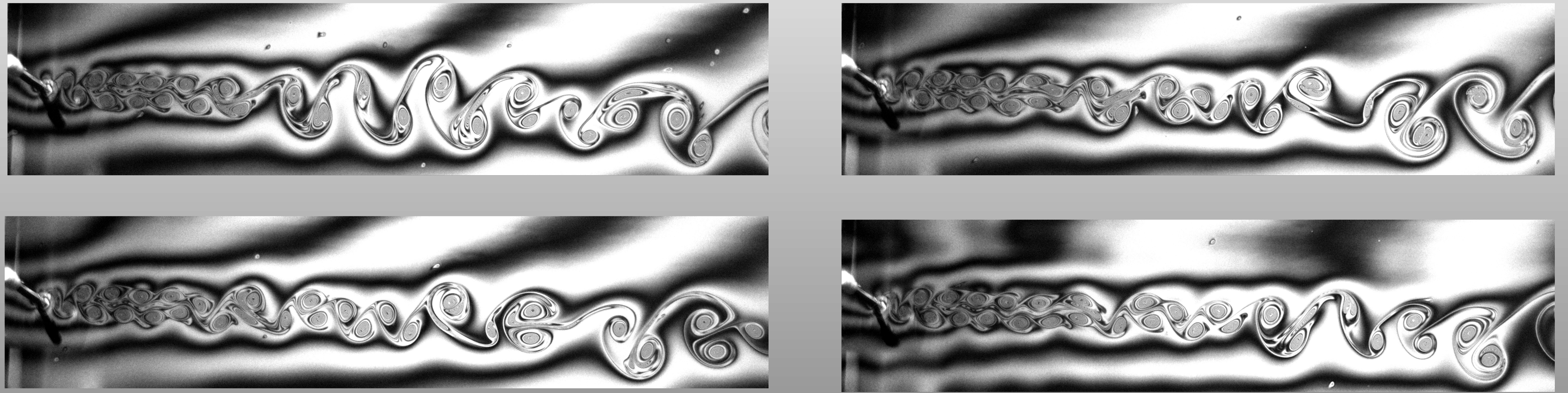


Dance of a Vortex street behind cylinders on different sound notes

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The formation of a secondary street structure is seen in the immediate downstream ($21D$ – $25D$) of the triangular and rhomboid cylinder, while it is absent for the circular, square, and inverted triangular cylinder within the domain of the test section ($135D$). This study observed that the acoustic perturbation influences the location of the transition point at which the primary street transforms into the secondary street.

