

# Movie Captions

- Movie 1 (6k)

This is an animation of the flow structures, visualised by the Q-criterion of a self-propelled swimming plate at  $Re = 6,000$  and surface roughness defined by  $\lambda = 1/8$ .

- Movie 2(12k)

This is an animation of the flow structures, visualised by the Q-criterion of a self-propelled swimming plate at  $Re = 12,000$  and surface roughness defined by  $\lambda = 1/12$ .

- Movie 3 (24k)

This is an animation of the flow structures, visualised by the Q-criterion of a self-propelled swimming plate at  $Re = 24,000$  and surface roughness defined by  $\lambda = 1/16$ .