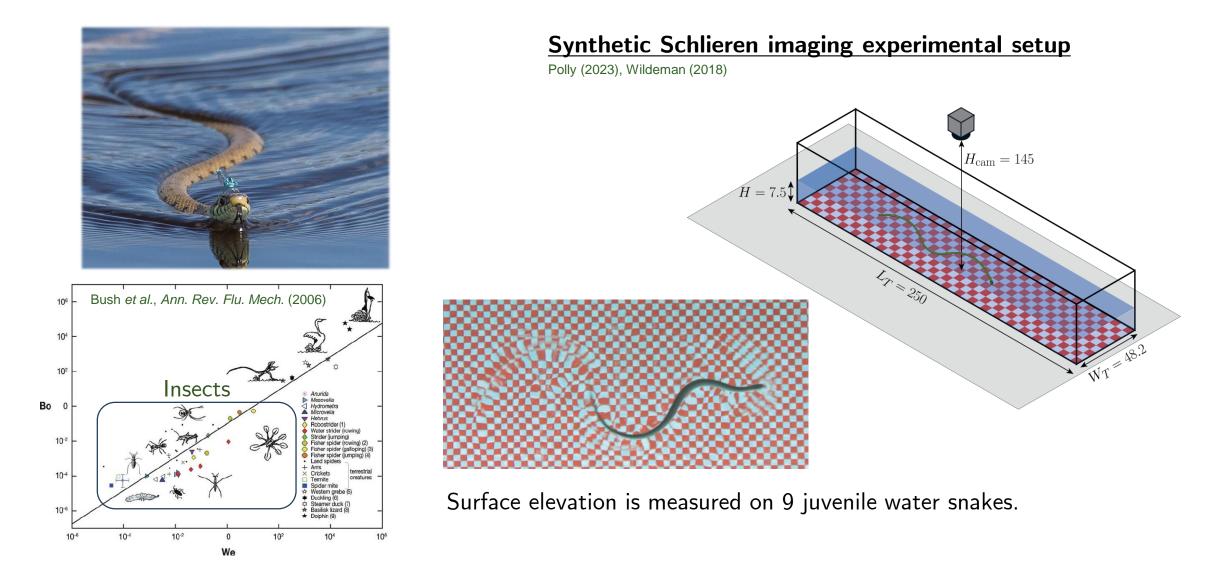
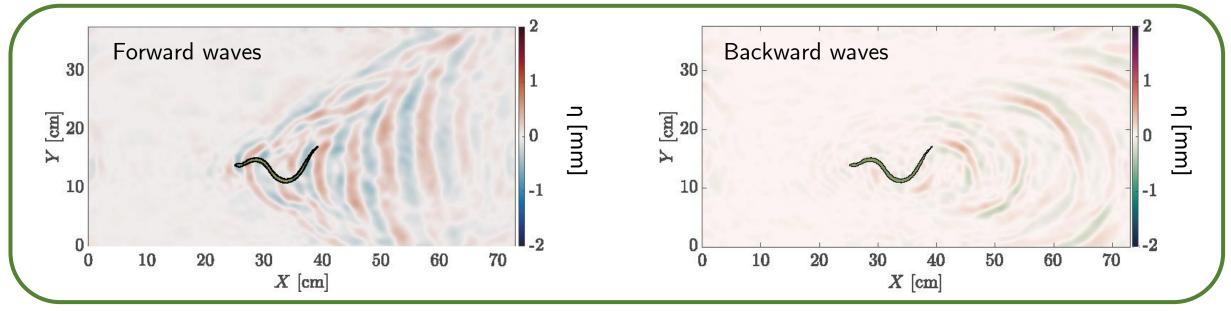
Unveiling the wake of a surface swimming snake

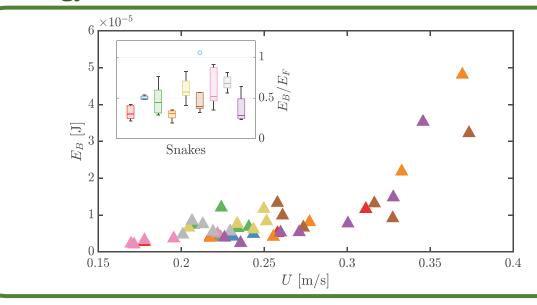
V, Stin, G. Polly, A. Mérigaud, X. Bonnet, A. Herrel and R. Godoy-Diana



Wave properties:



Energy in the wake:



A **significant** percentage of the waves travel in a direction opposite to the swimming direction.

A contribution to the propulsive force of the animal from the **backward waves** is thus expected.