

Exploring Learning-based Control Policy for Fish-like Robot in Altered Background Flows

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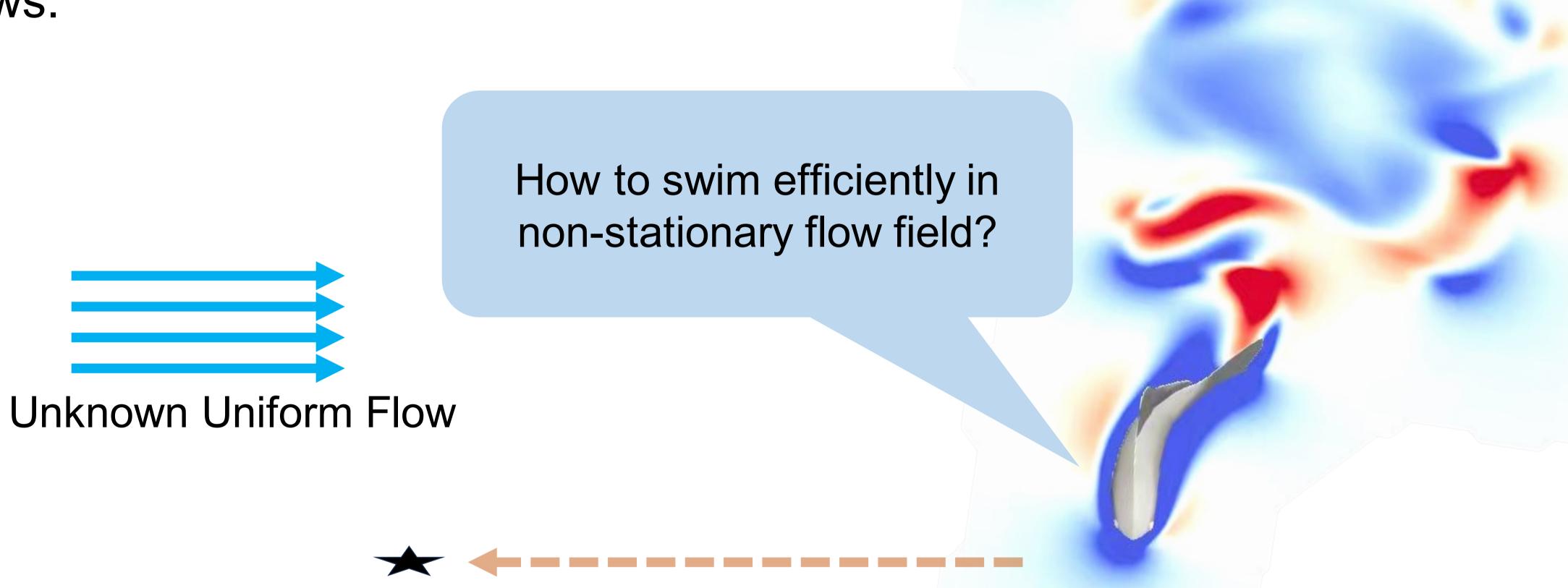
Motivation

Previous Works

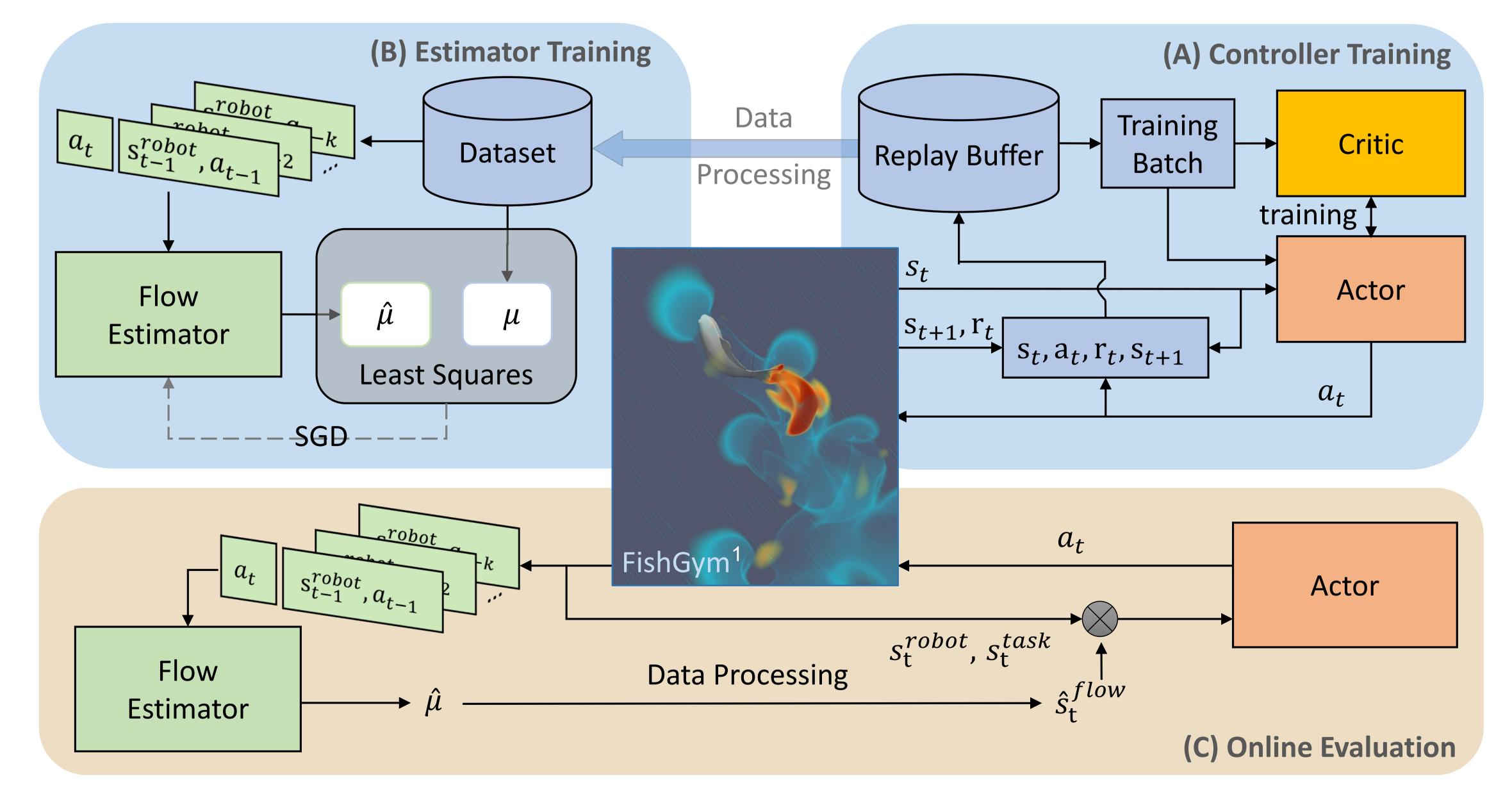
Mostly conducted in the stationary flow field, and achieve limited performance in non-stationary.

Objective in this Work

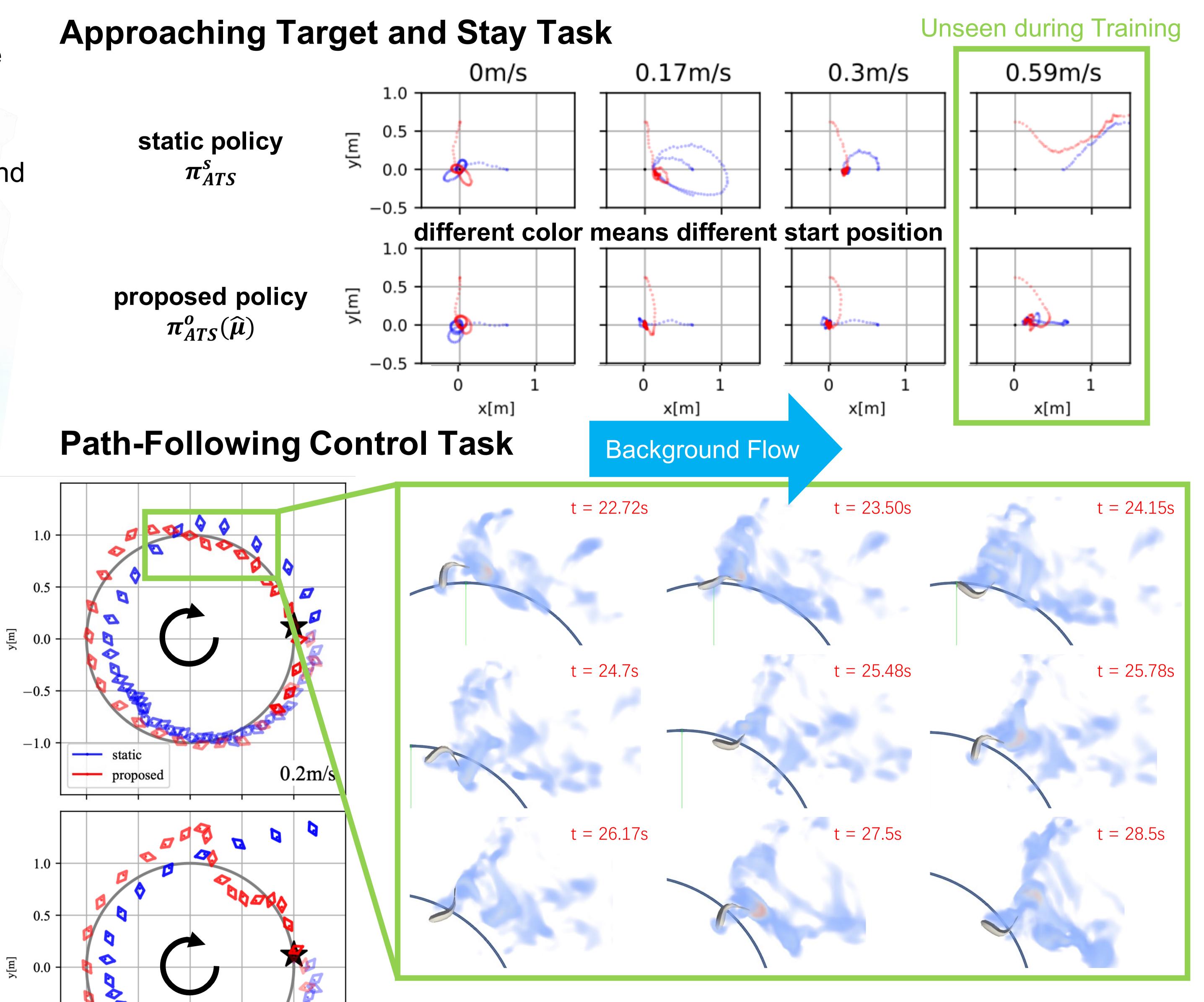
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Methodology



Simulation Results



Interesting Phenomenon

Although the target position is behind, the robotic fish will slowly approach the target by facing the incoming flow to counter the influence of the flow.



0.35m/s

-0.5

proposed



