

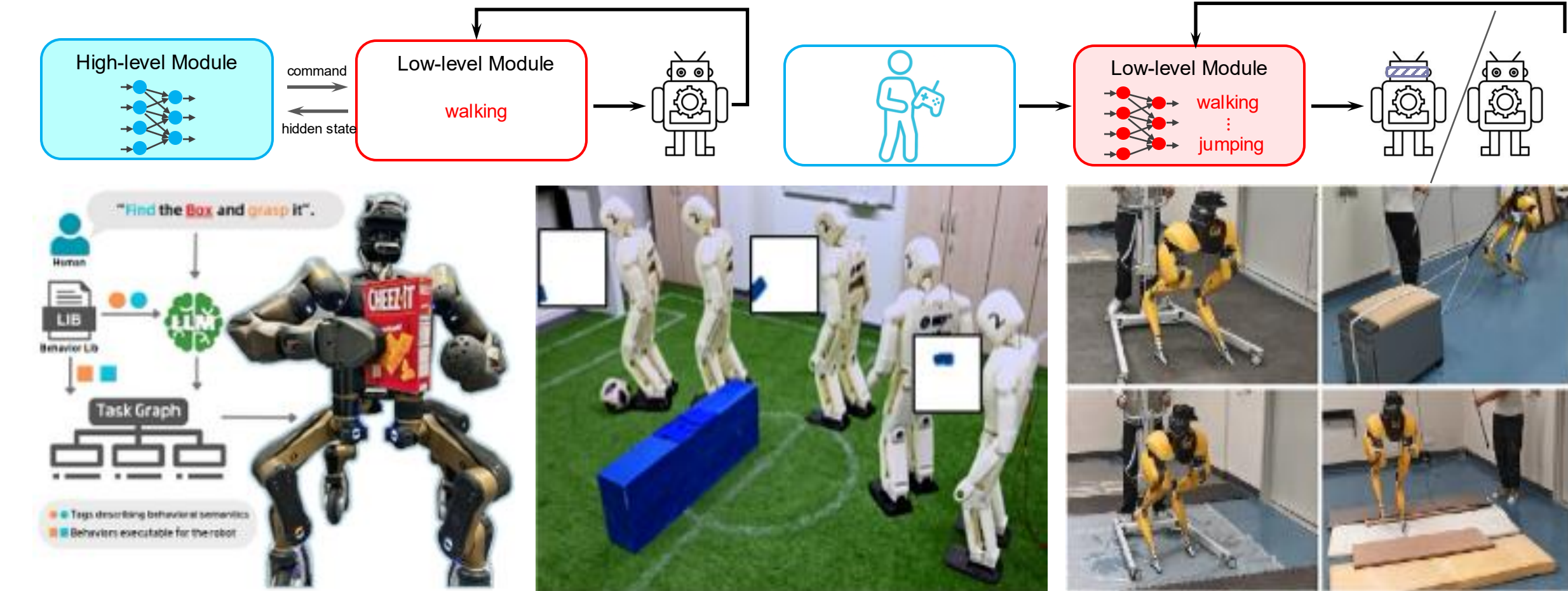
Let Humanoids Hike! Integrative Skill Development on Complex Trails



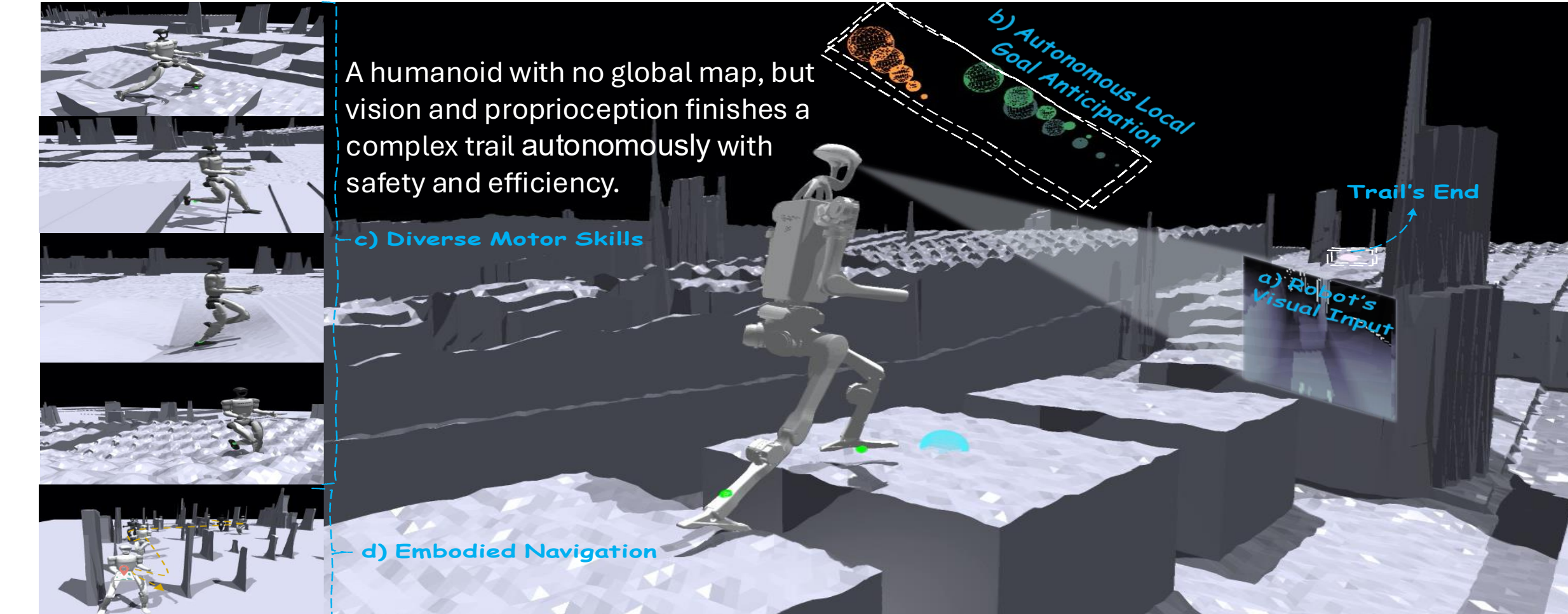
Kwan-Yee Lin

Stella X. Yu

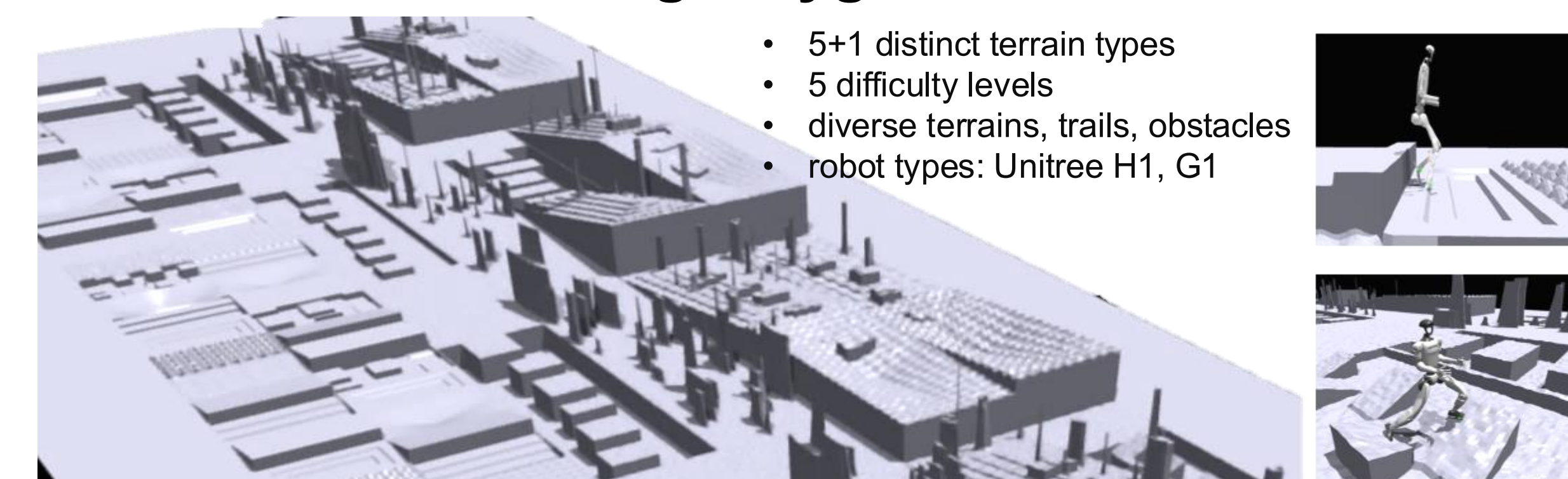
Past Work: Disjoint Skill Learning → Lack Autonomy



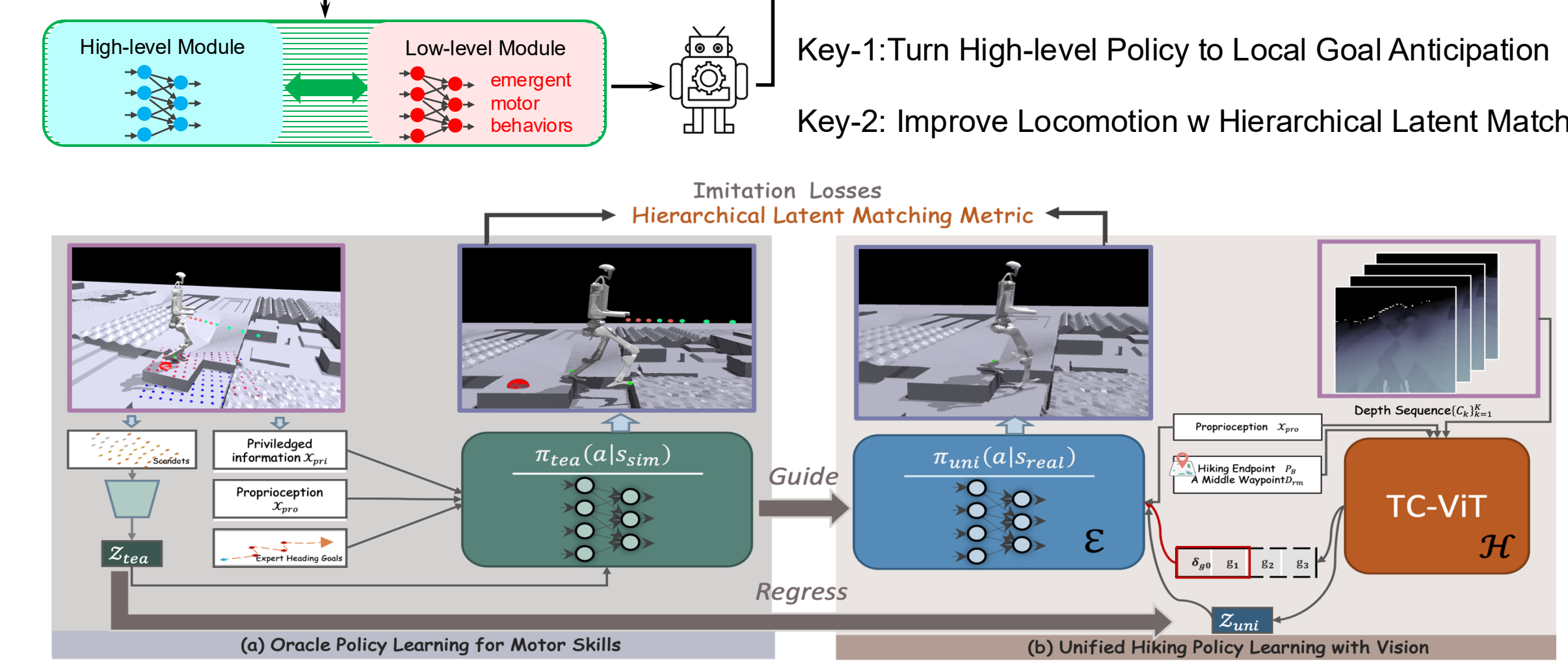
Hiking Demands Visual, Decisional, Motor Autonomy



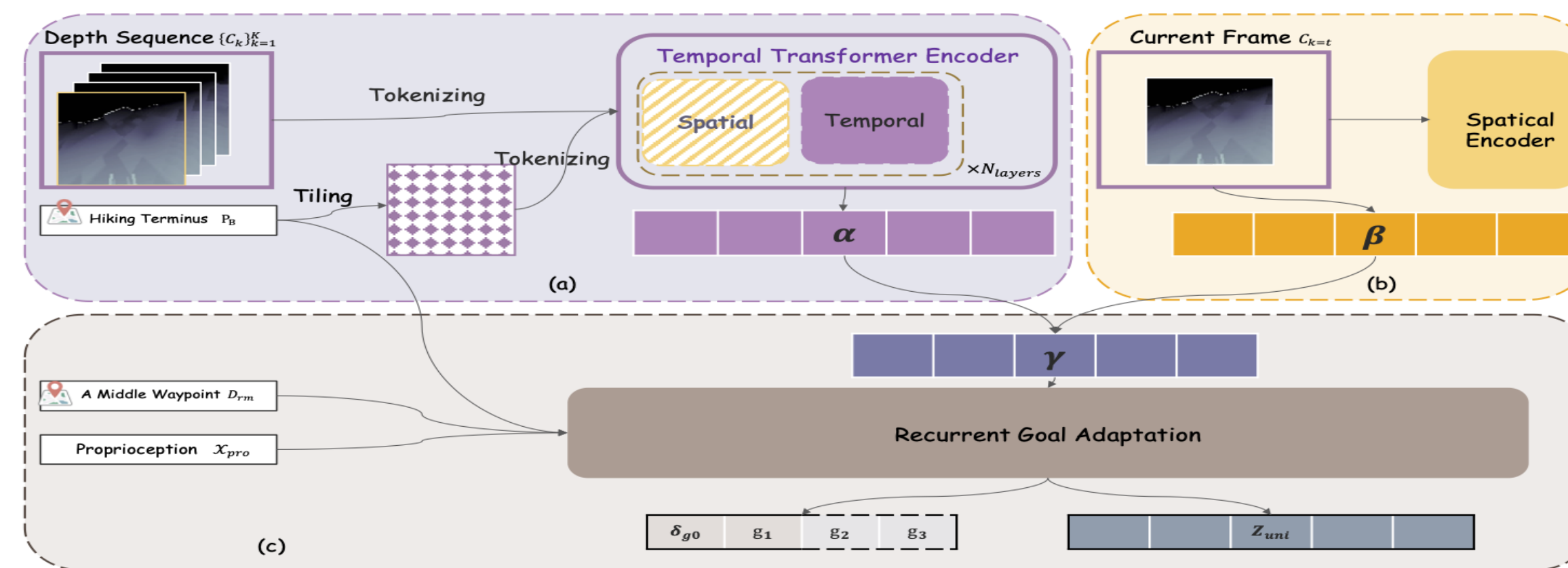
First Humanoid Hiking Playground and Benchmark



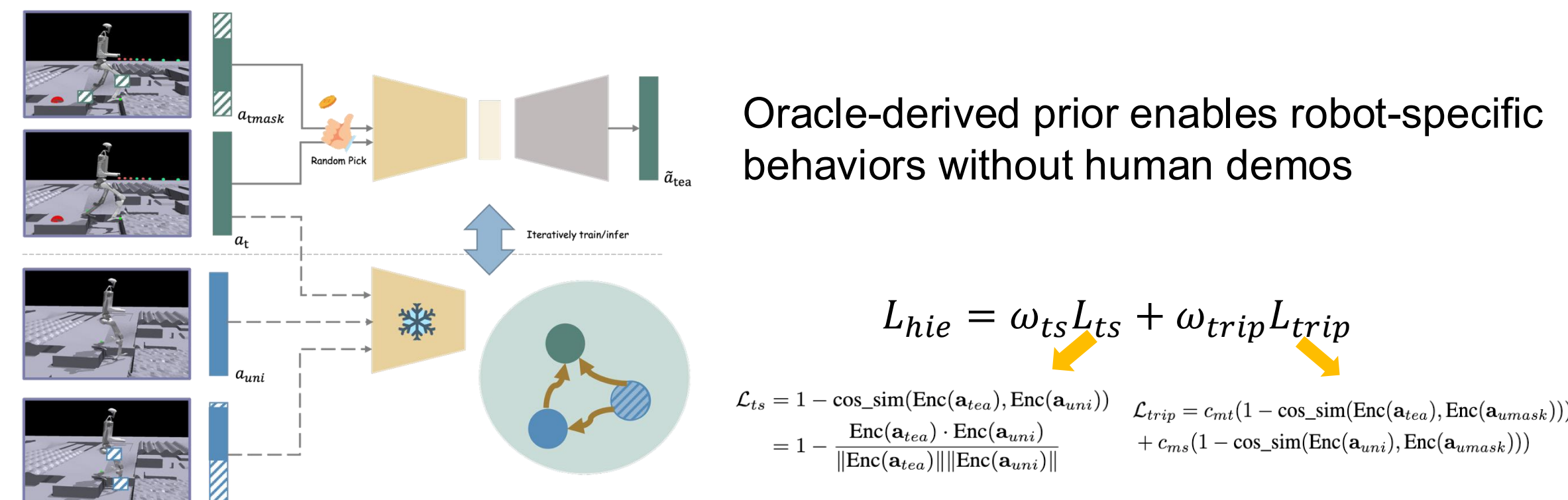
LEGO-H: Navigation/Locomotion in A Unified Policy



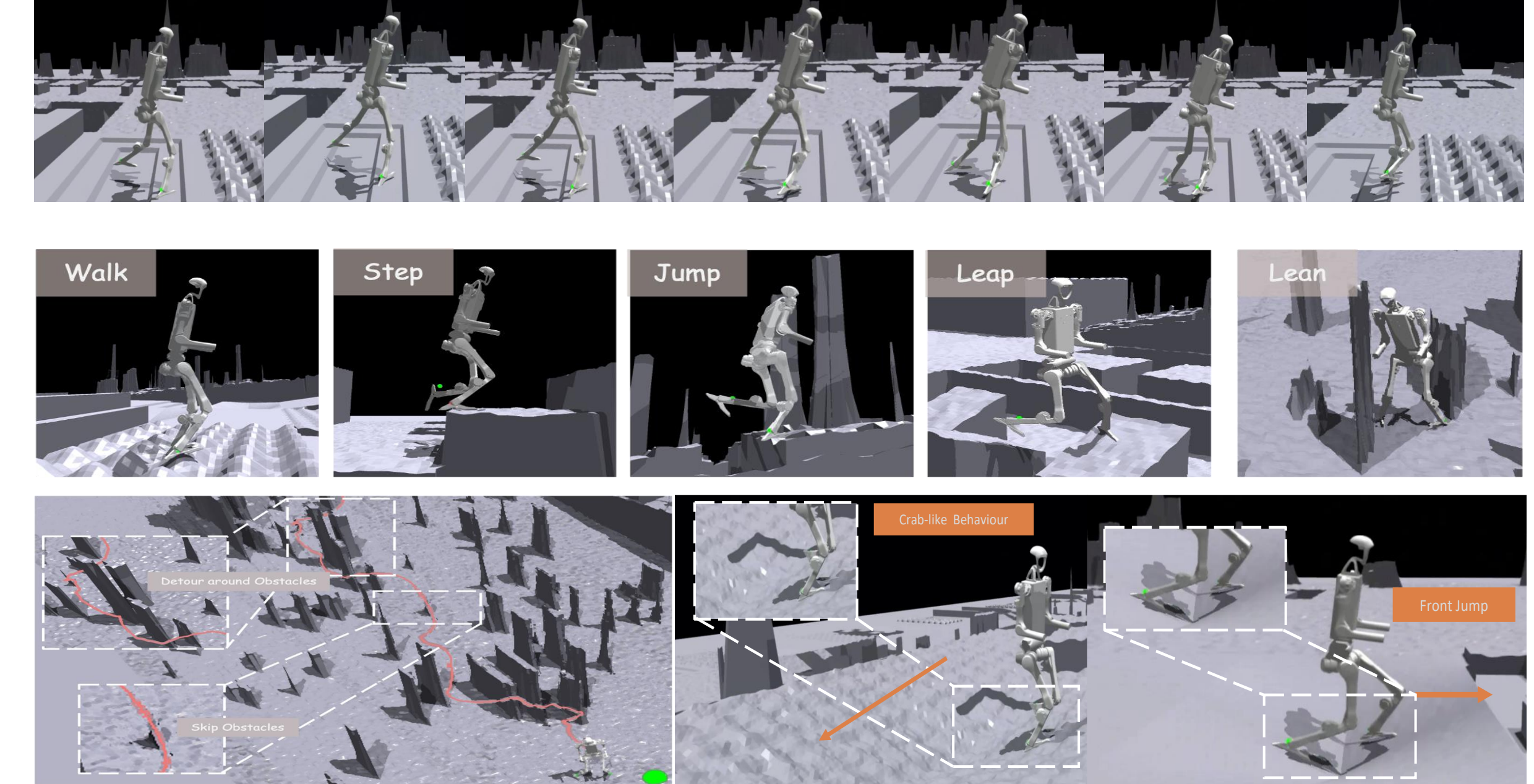
Autonomous Local Goal Anticipation upon Hierarchical RL



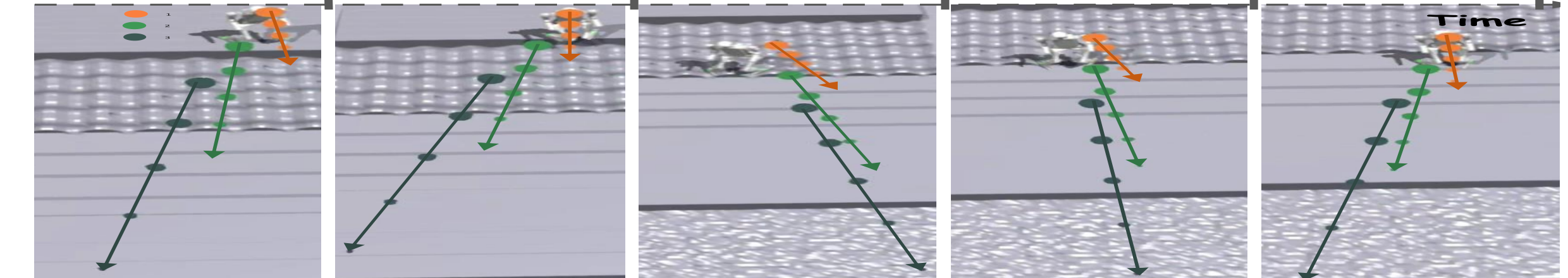
Hierarchical Latent Action Matching with Privileged Learning



Emergent Diverse Behaviors and Generalization



Near Goal Dynamic Adjustments



Morphology Influences Behaviors



Benchmarks → Vision and Unified Policy Essential

