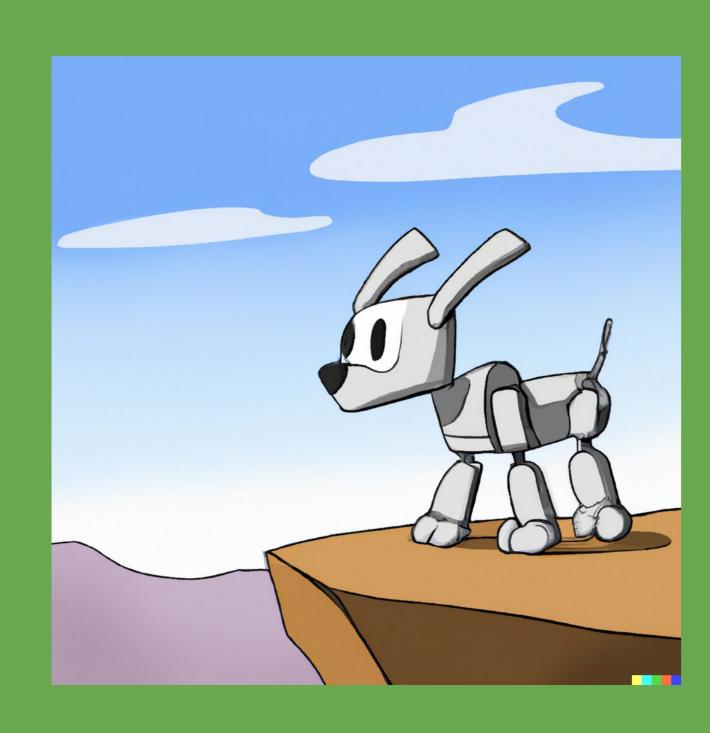
# Tactile feet keep walking robots safe in challenging terrains





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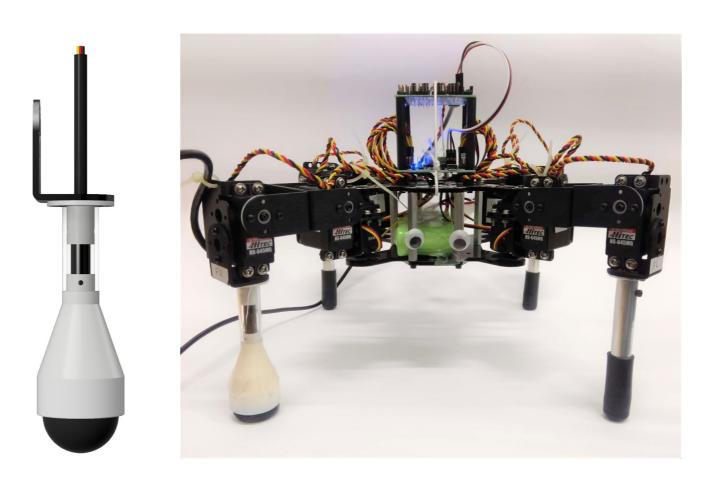




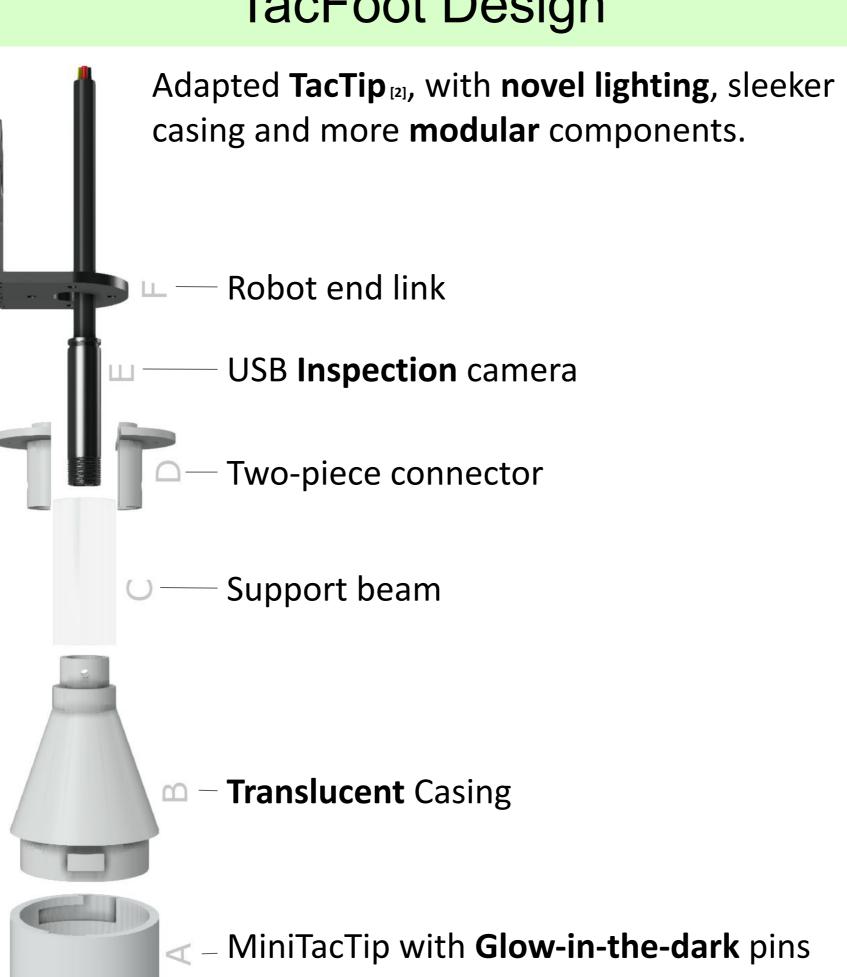


## Feet that Feel

High resolution sensing of the ground under the feet for **quadruped** robots.



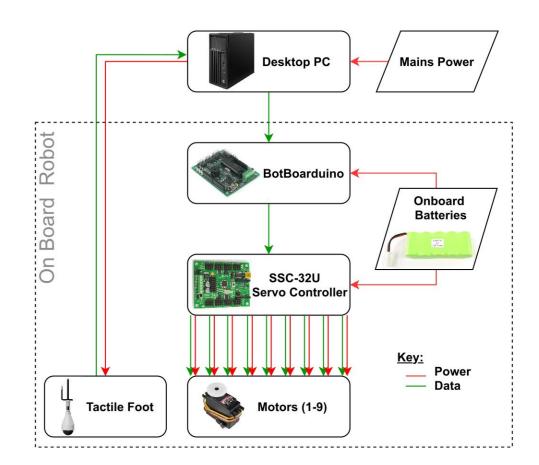
## TacFoot Design





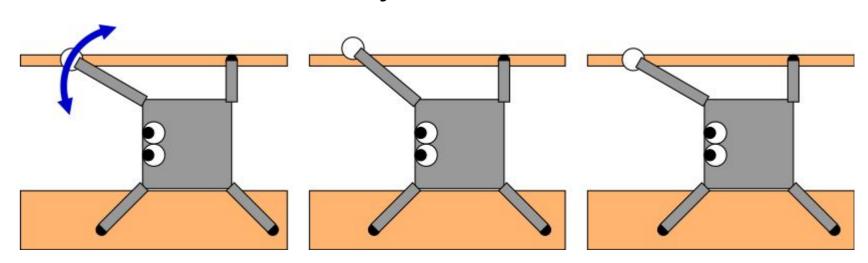
#### **New** Pins

## **Robot Components**



# Task - Edge Following

Follow the edge of a raised path to prevent the robot falling off the path. Use only tactile feedback to chose footholds and adjust direction of travel.



Use **online learning** [1] to quickly build model of how tactile sensor data relates to the world.

## Results

