



The *Soft Robotics Forum Discord Community* presents the...



# SOFT ROBOTICS ON A BUDGET CHALLENGE

hosted by the Democratization of Soft Robotics through *Embodied Intelligence* Workshop

Win prizes and present your creation at our workshop!

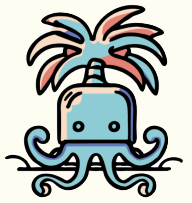
## Competition Rules:

**The Challenge:**  
Build a bio-inspired robot for as little \$\$\$ as possible

1. The total Bill of Materials (BoM) to manufacture and operate the design *be less than \$50*.
2. The robot must attempt to *move 1 metre from point A to point B* using only forces generated by actuators (no pushing/pulling the robot!).
3. A short *video must be submitted* of how the robot is manufactured and subsequently operated.
4. Points awarded for *successful movement, cost of transport, flair/style, lowest BoM cost, appearance*.
3. Bonus points if the robot can *sense some environmental input* - this is open to your interpretation. Creative solutions showcasing clever forms of embodied intelligence will be scored highest.
6. Selected finalists will be invited to *present their creation at the workshop (in-person, hybrid or video)*, with attendees voting for their favourites (5 minute time slots).



**SUBMISSION DEADLINE:**  
**31ST MARCH**  
All submissions to be sent directly to: [kyle.walker@hw.ac.uk](mailto:kyle.walker@hw.ac.uk)



7th IEEE-RAS International Conference on Soft Robotics

**ROBOSOFT2024**

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Workshop & Competition Info!

