







# Research Thread 1:

## Making Collaborative Robots Easy to Use

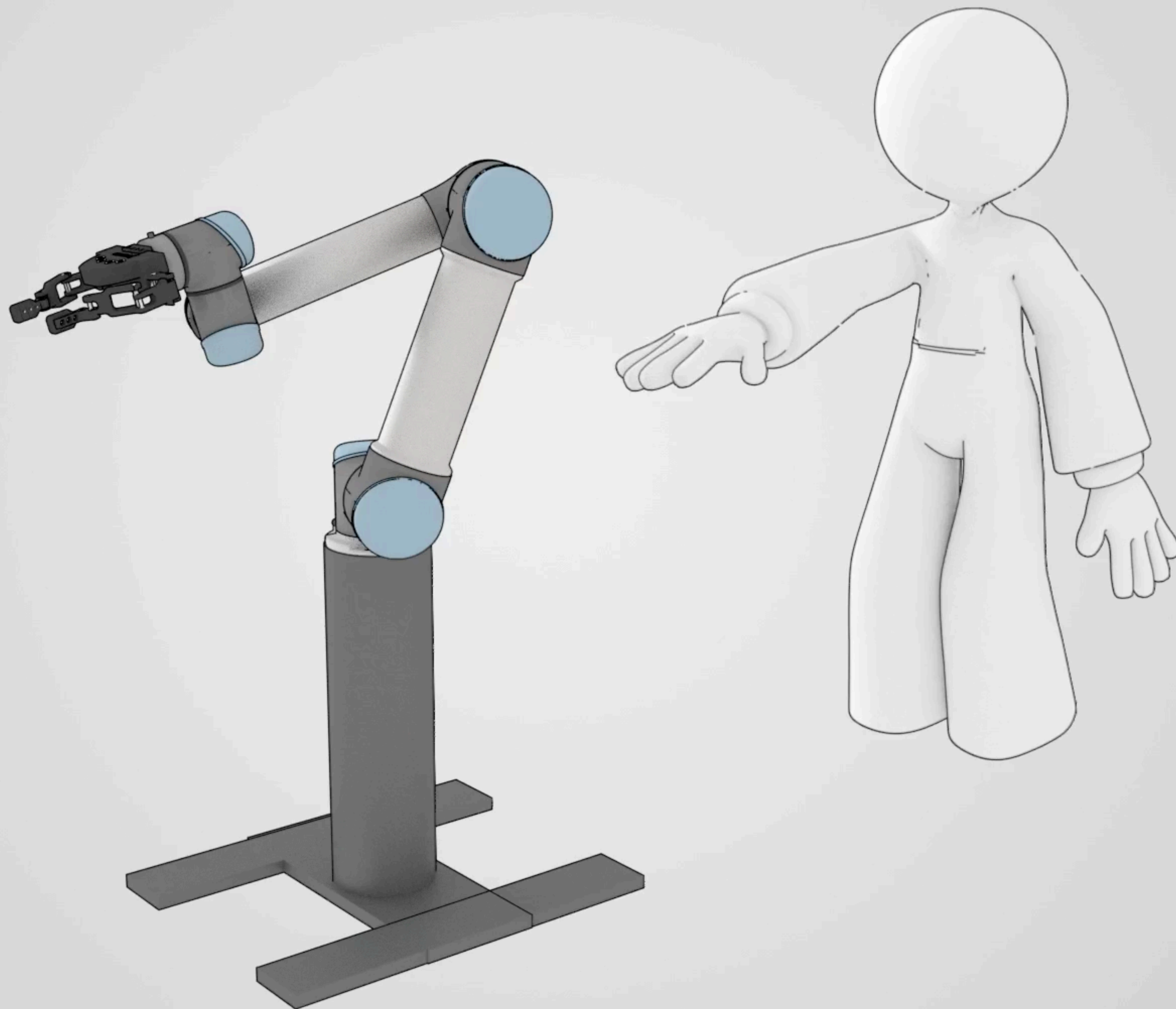
BEST PAPER AWARD

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Thread 1 aims to make using collaborative robots very very easy for non-experts by combining **end-user programming, shared control, learning.**



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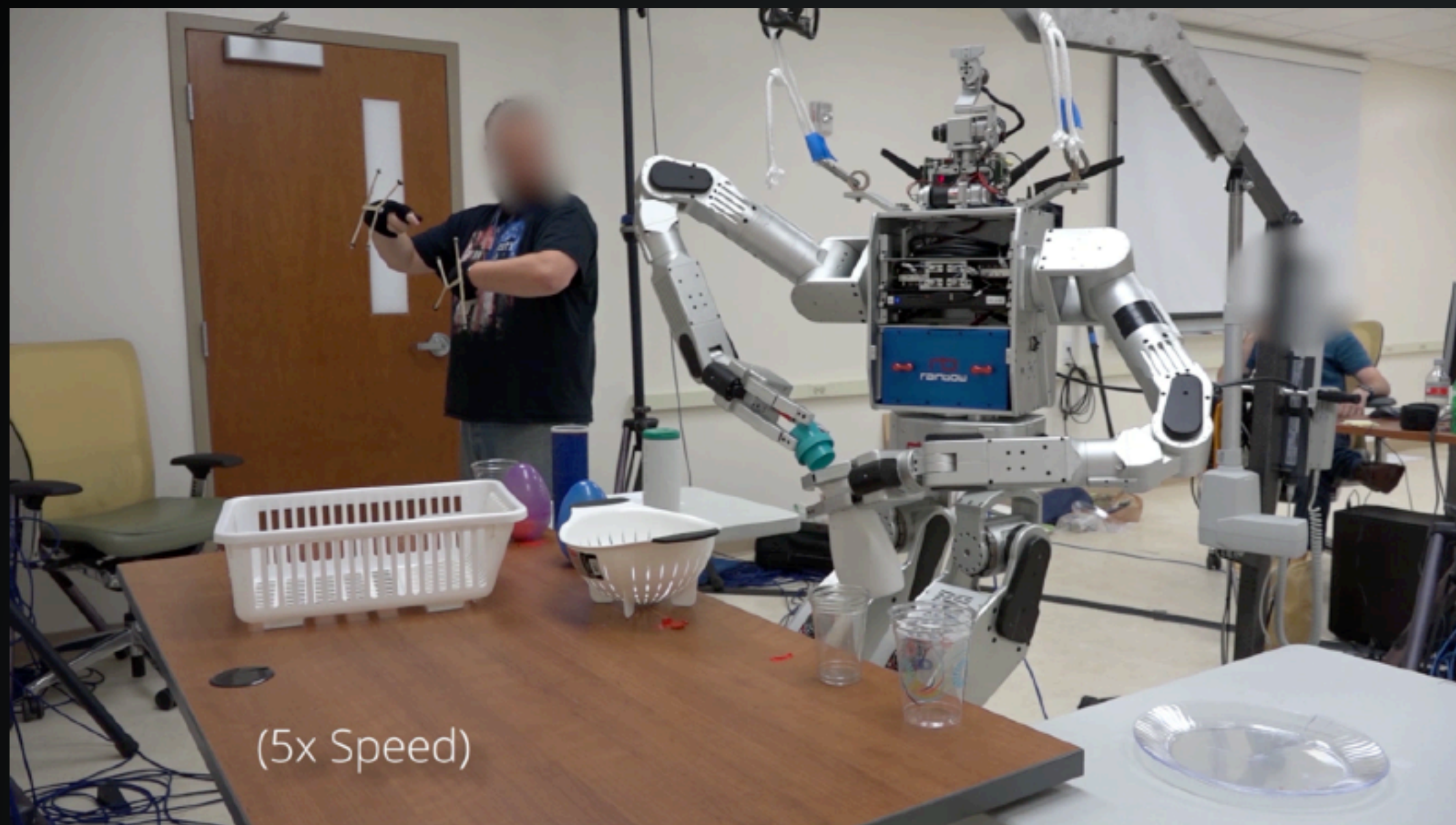
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# Research Thread 1: Making Collaborative Robots Easy to Use

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FRONTIERS IN ROBOTICS & AI





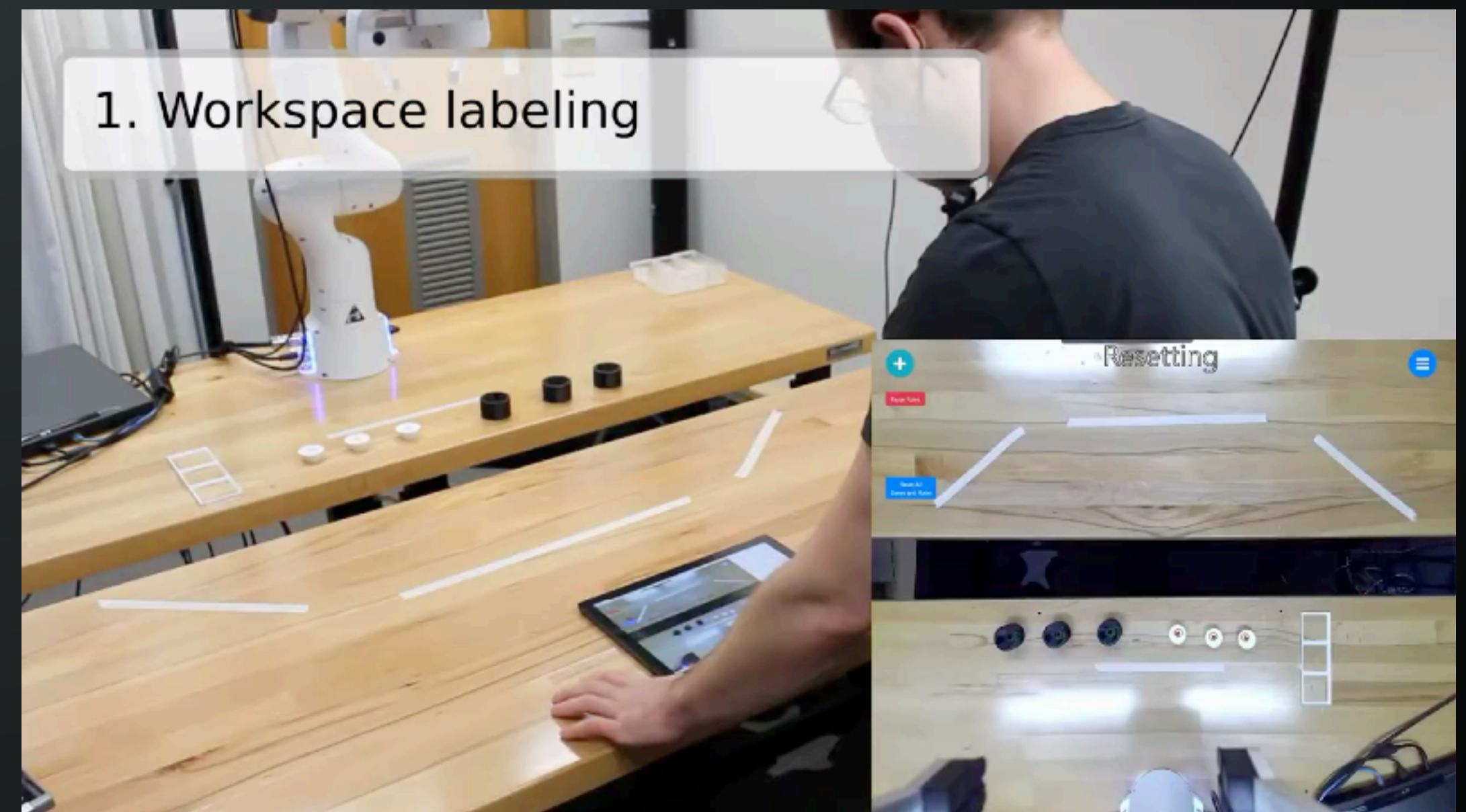
Shared-control-based bimanual teleoperation



Corrective shared control for highly variable tasks



Task-level authoring for highly variable tasks



Trigger-action-based plans for human-robot collaboration