



UNIVERSITÉ
DE GENÈVE

CENTRE UNIVERSITAIRE
D'INFORMATIQUE



INSTITUTE OF INFORMATION
SERVICE SCIENCE

Robots sur Internet

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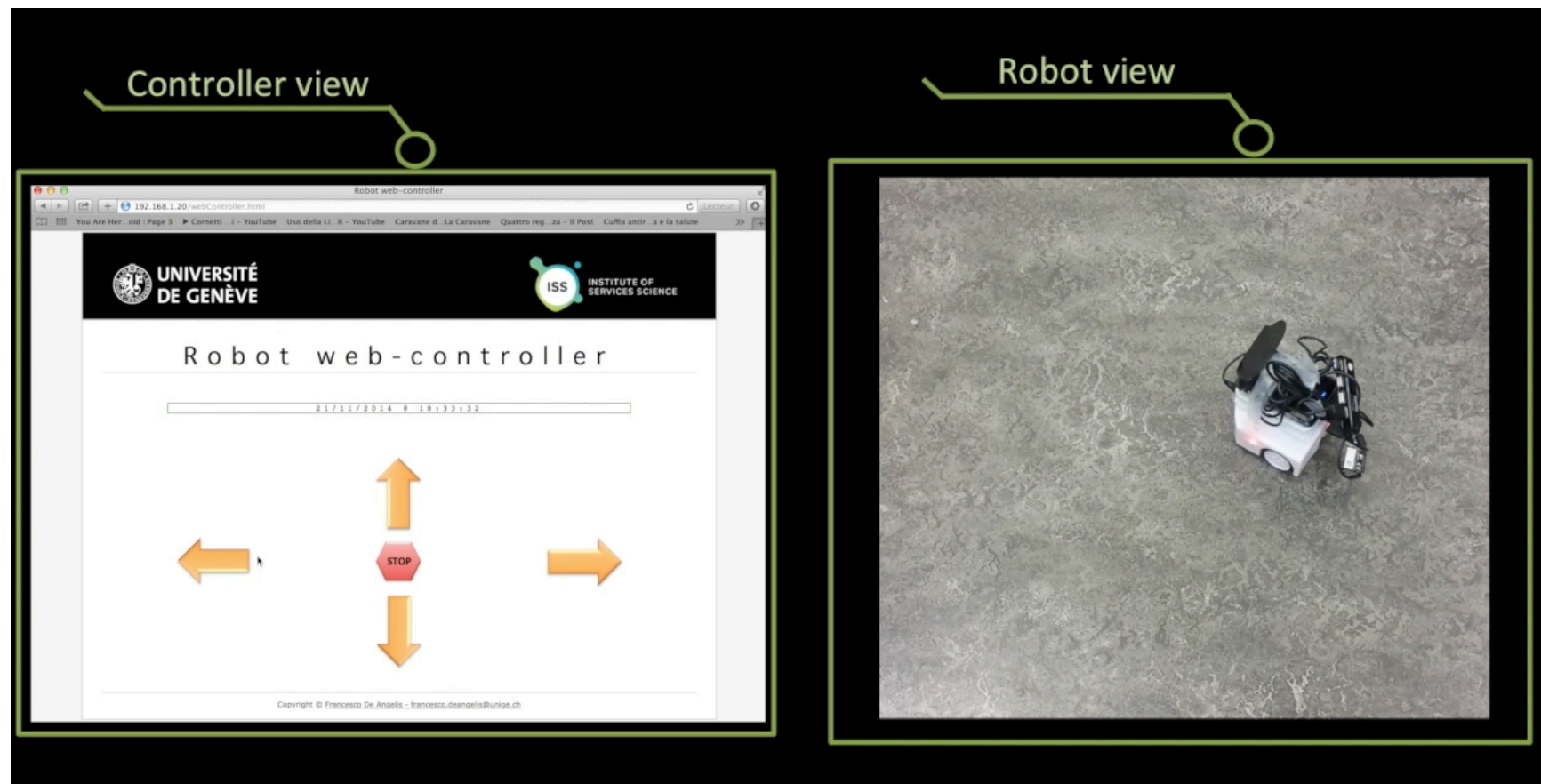
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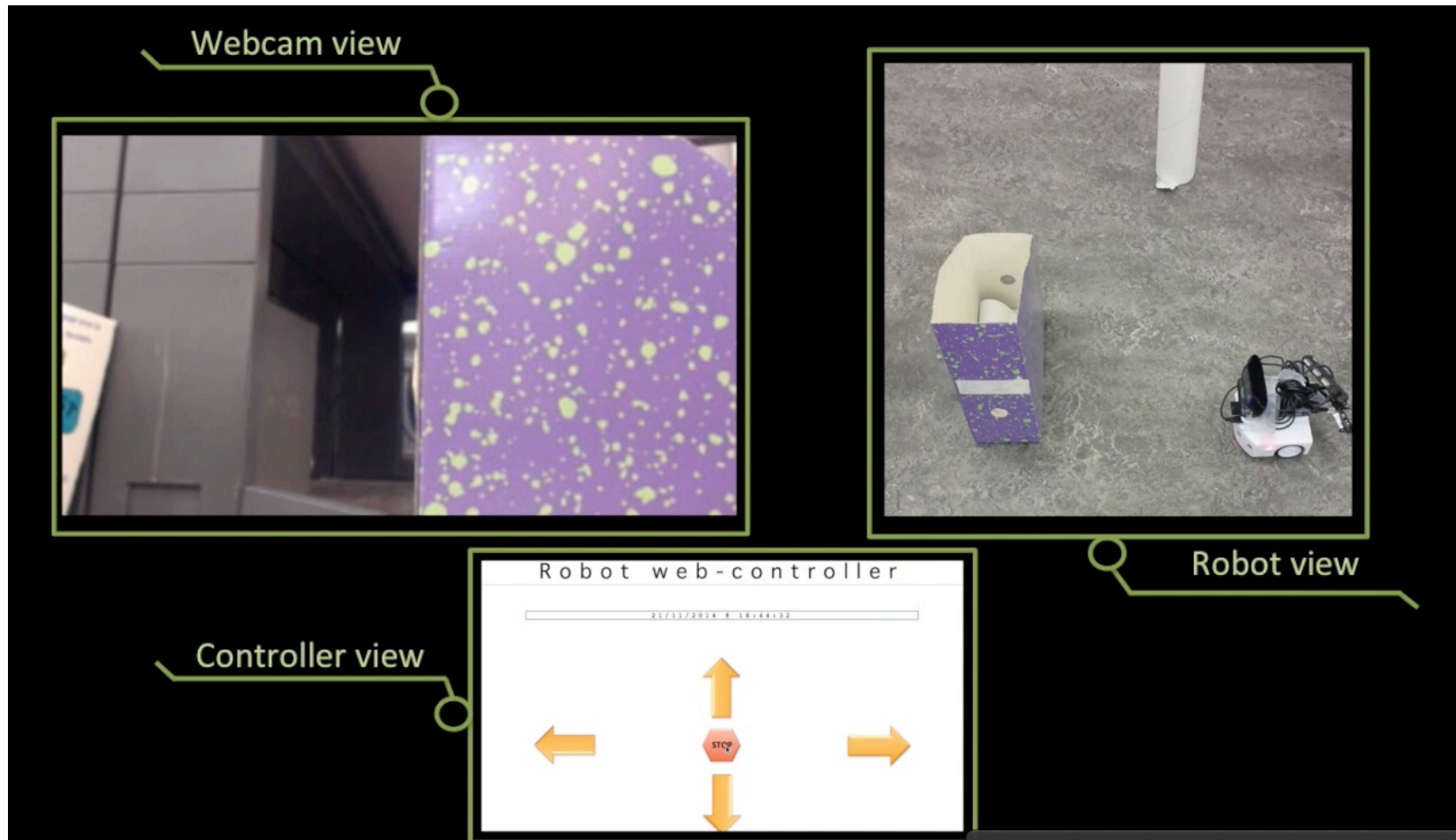


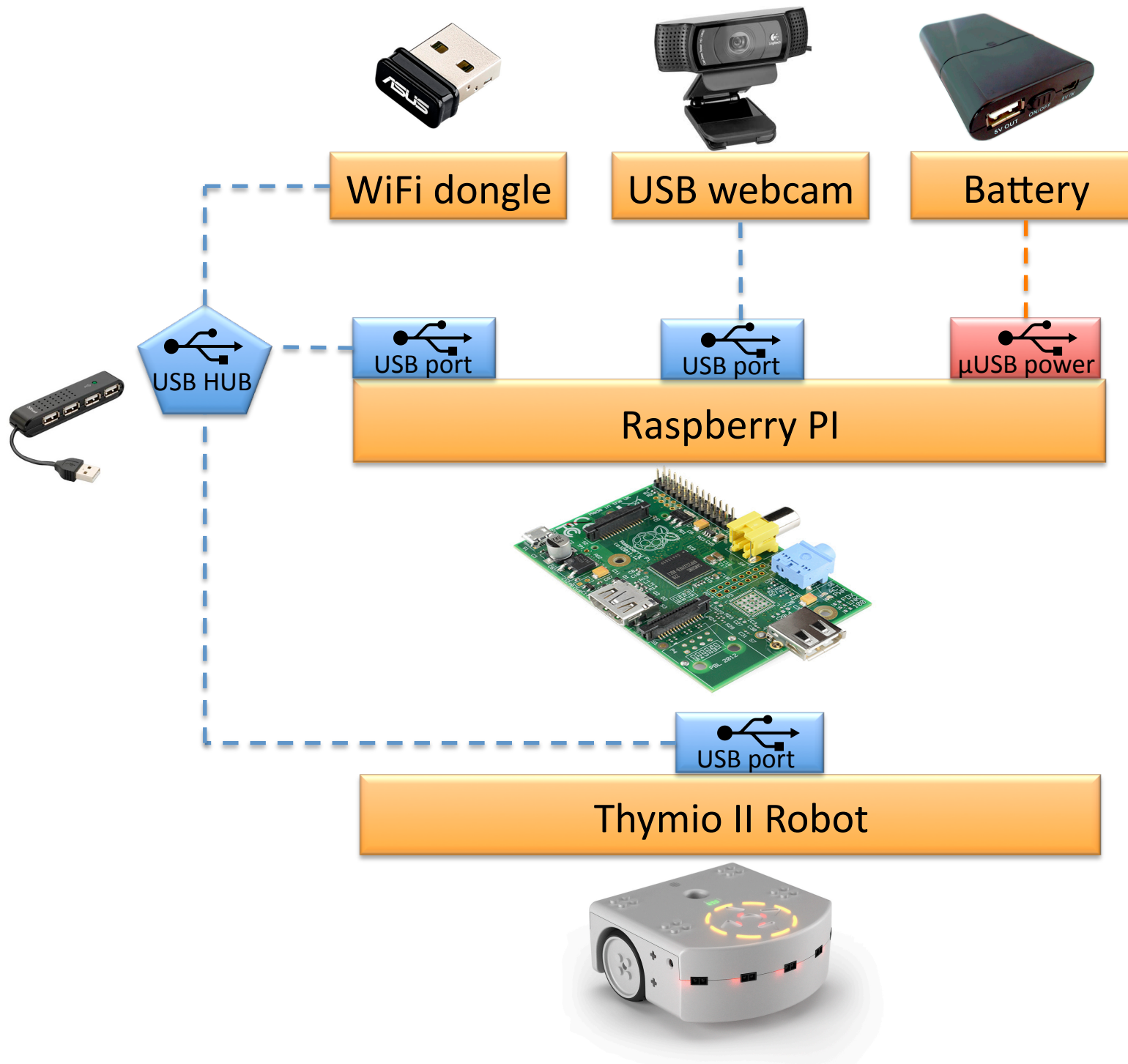
Remote control through Internet

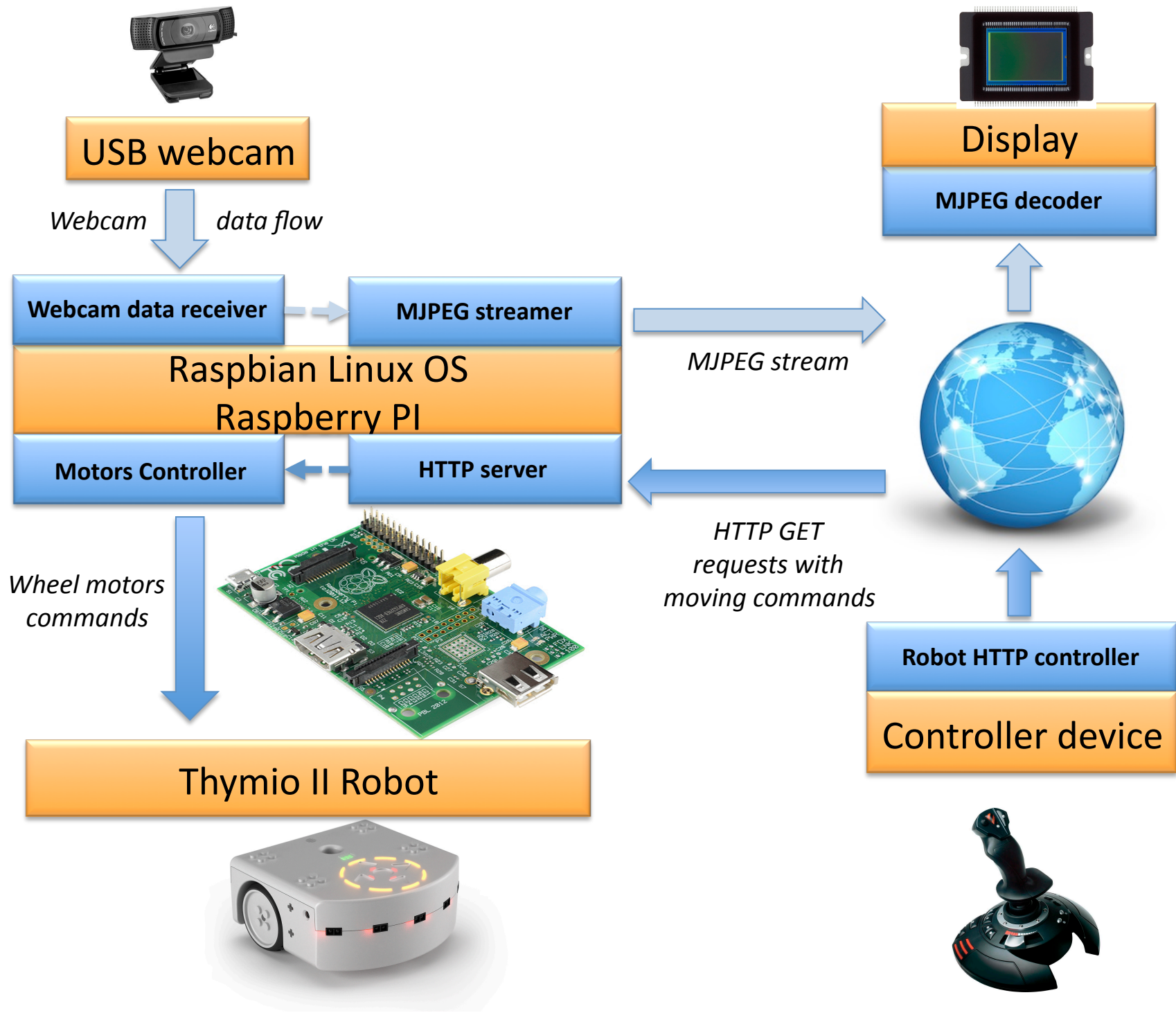


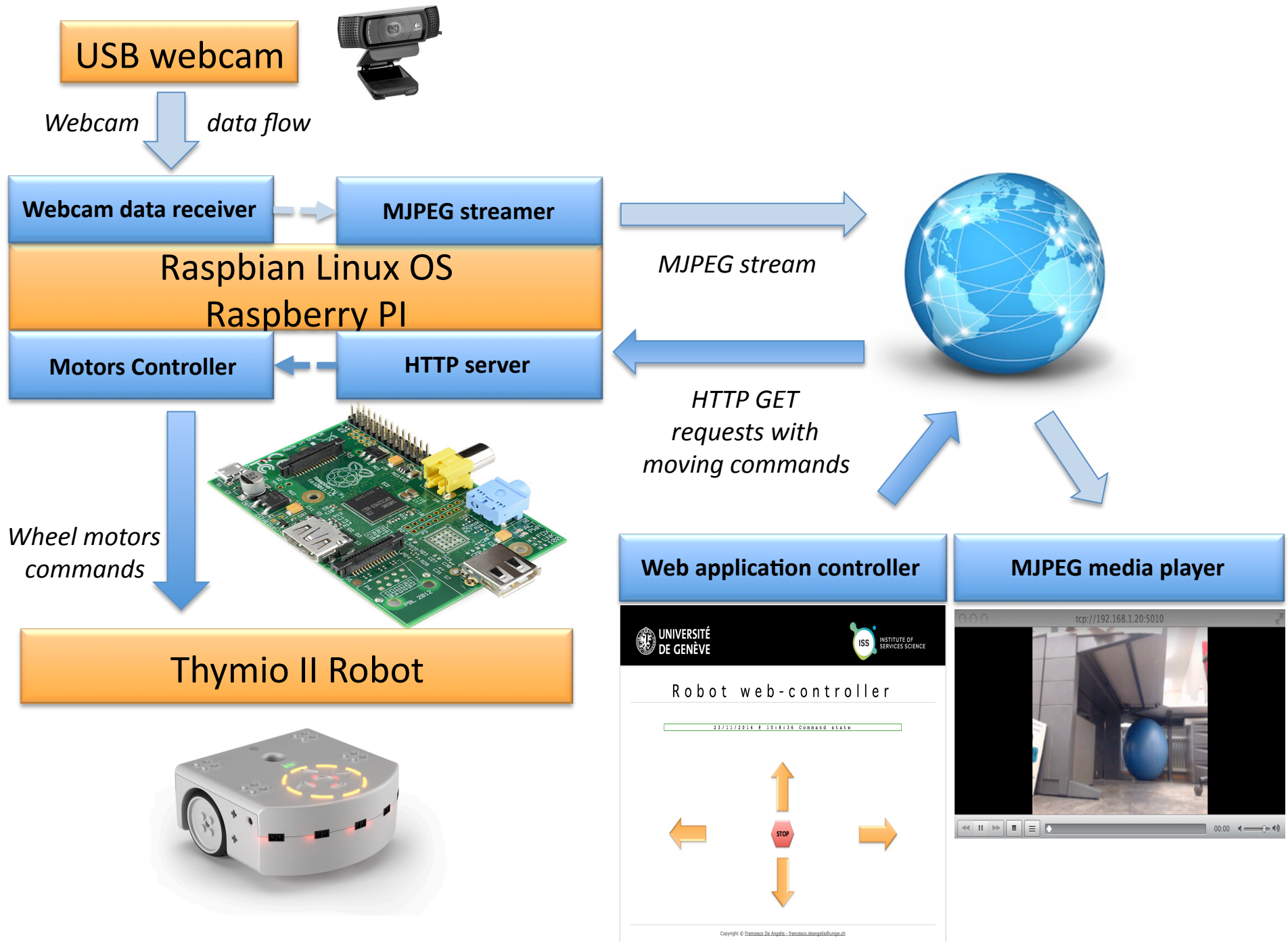
webrobots.unige.ch:8080/webController.html

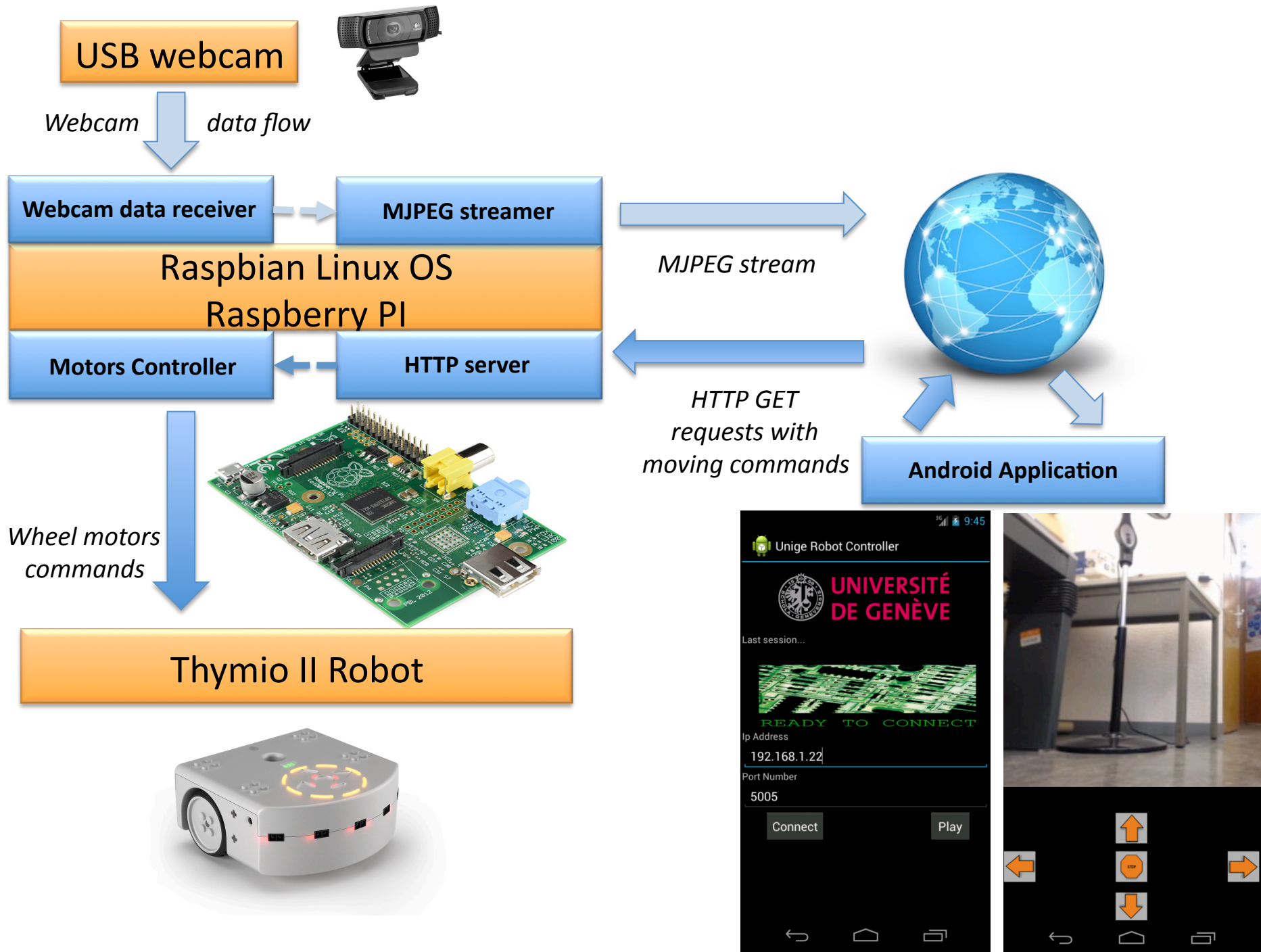
With a camera view







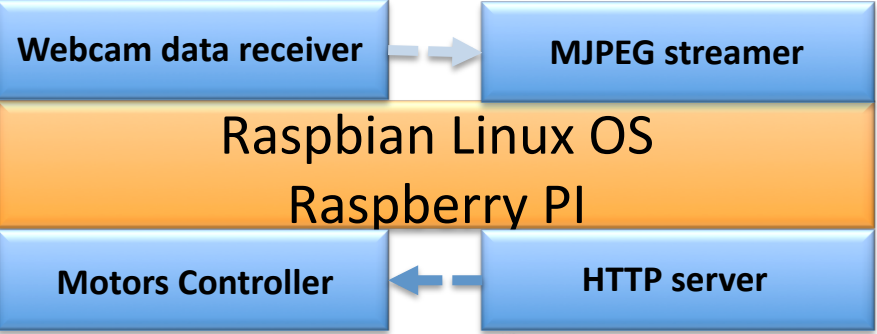




USB webcam



Webcam data flow



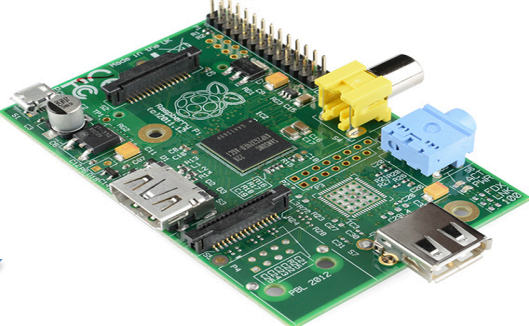
MJPEG stream



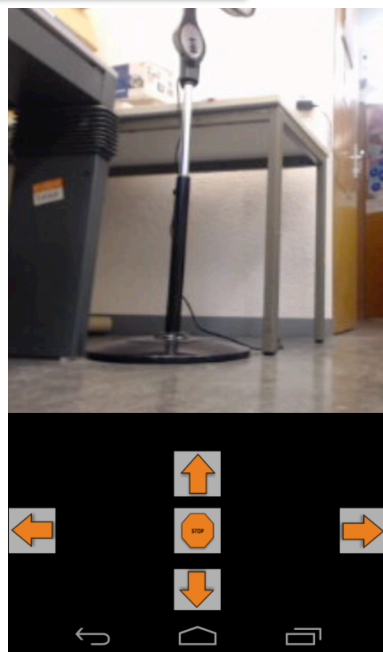
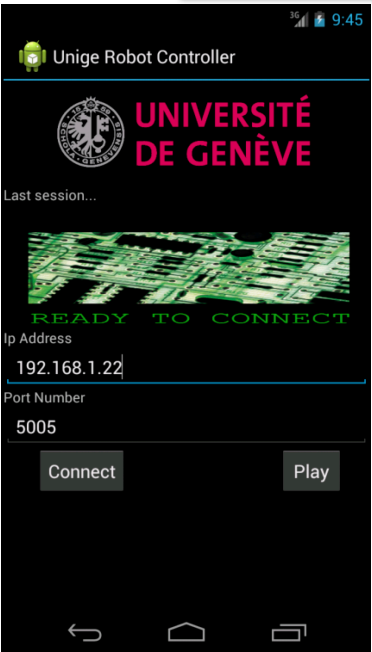
HTTP GET requests with moving commands

Android Application

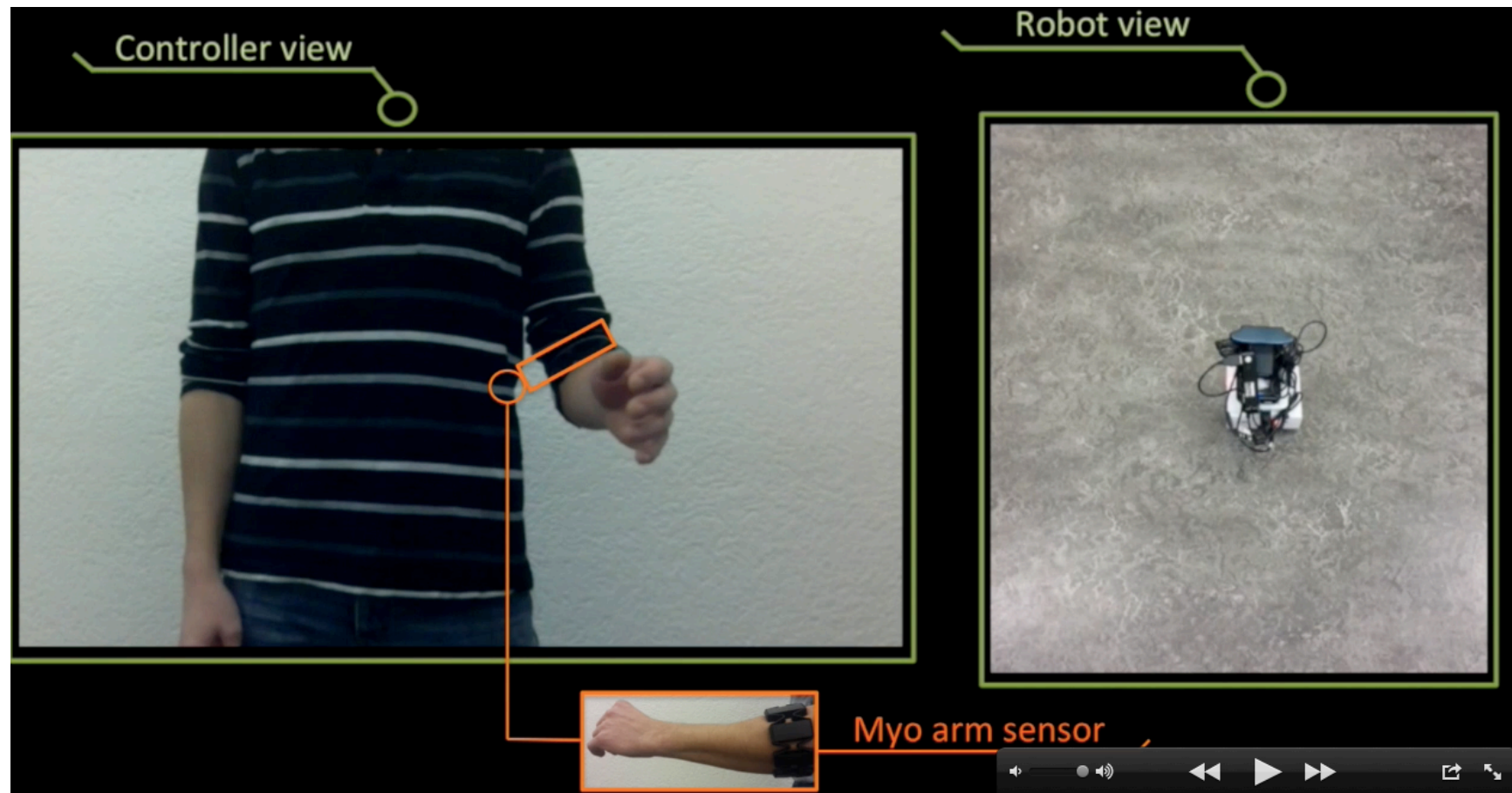
Wheel motors commands

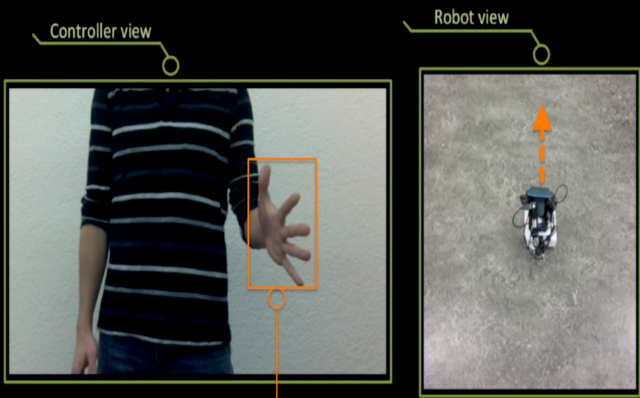


Thymio II Robot

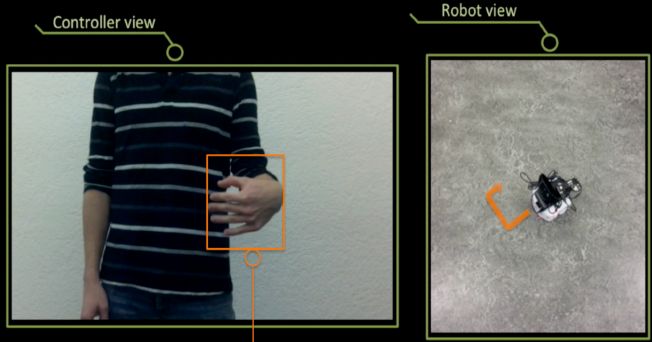


Control through Myo Controller

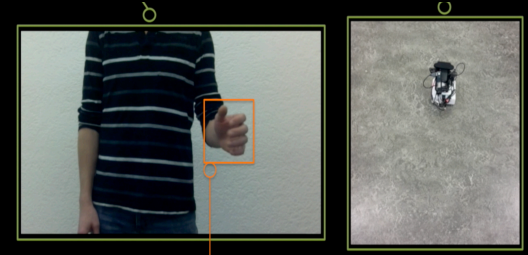




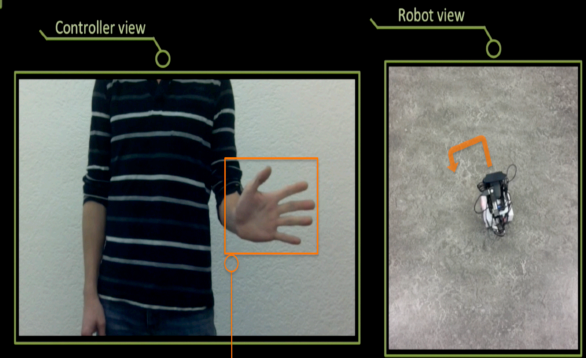
Gesture: opened hand
Command: move forward



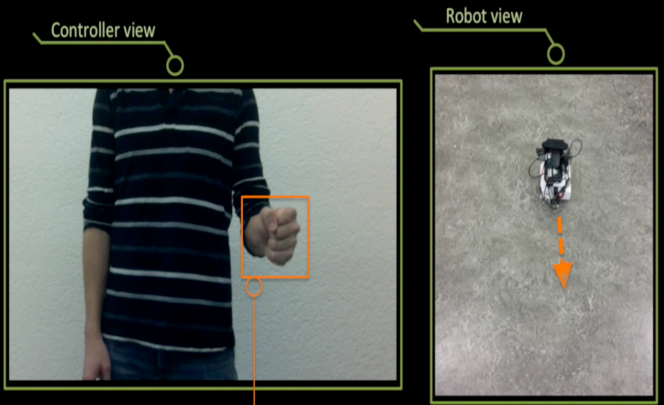
Gesture: right bent hand
Command: turn right



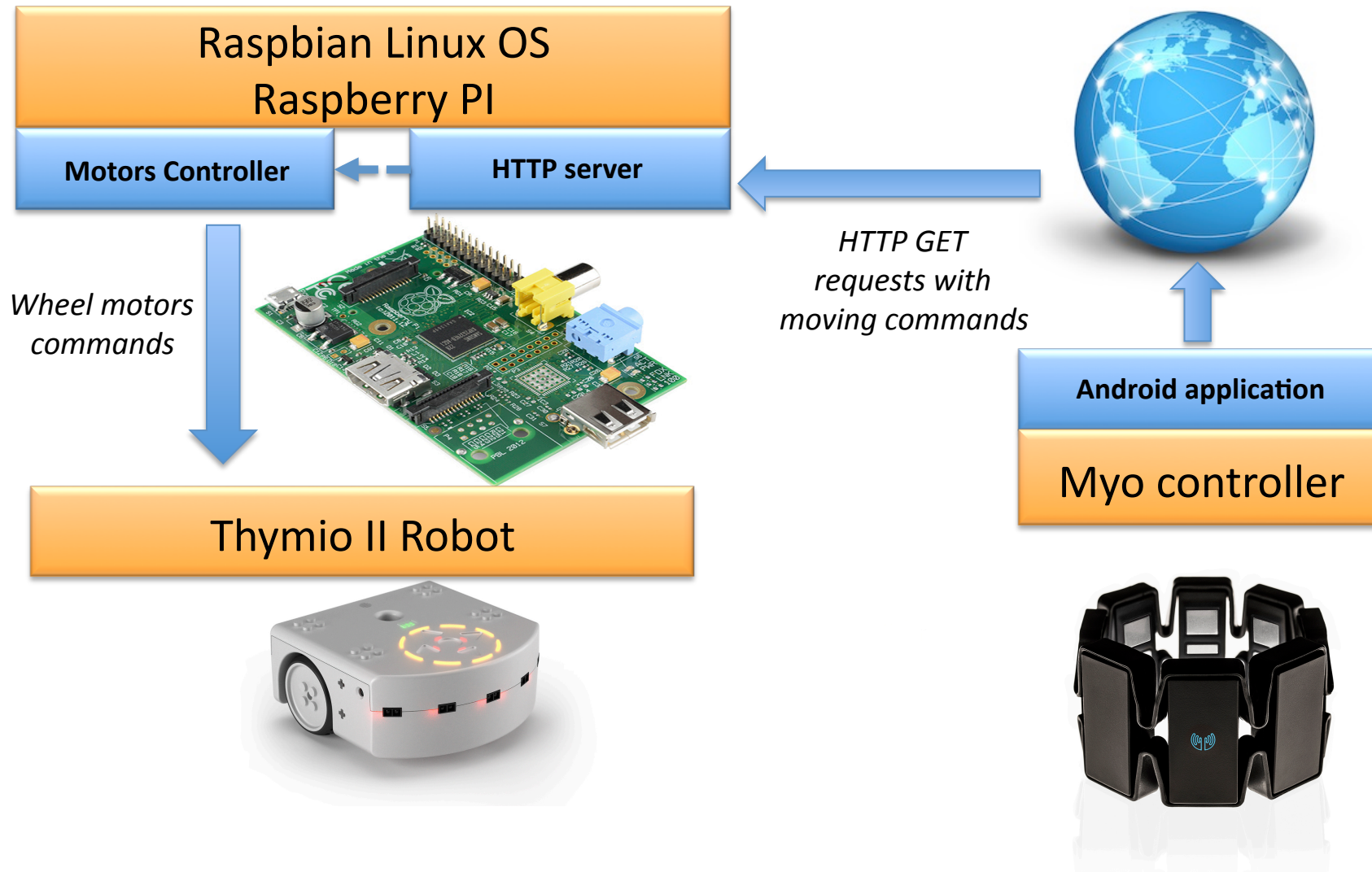
Gesture: hand in relaxing position
Command: stop



Gesture: left bent hand
Command: turn left



Gesture: closed fist
Command: move backward



Questions ?

