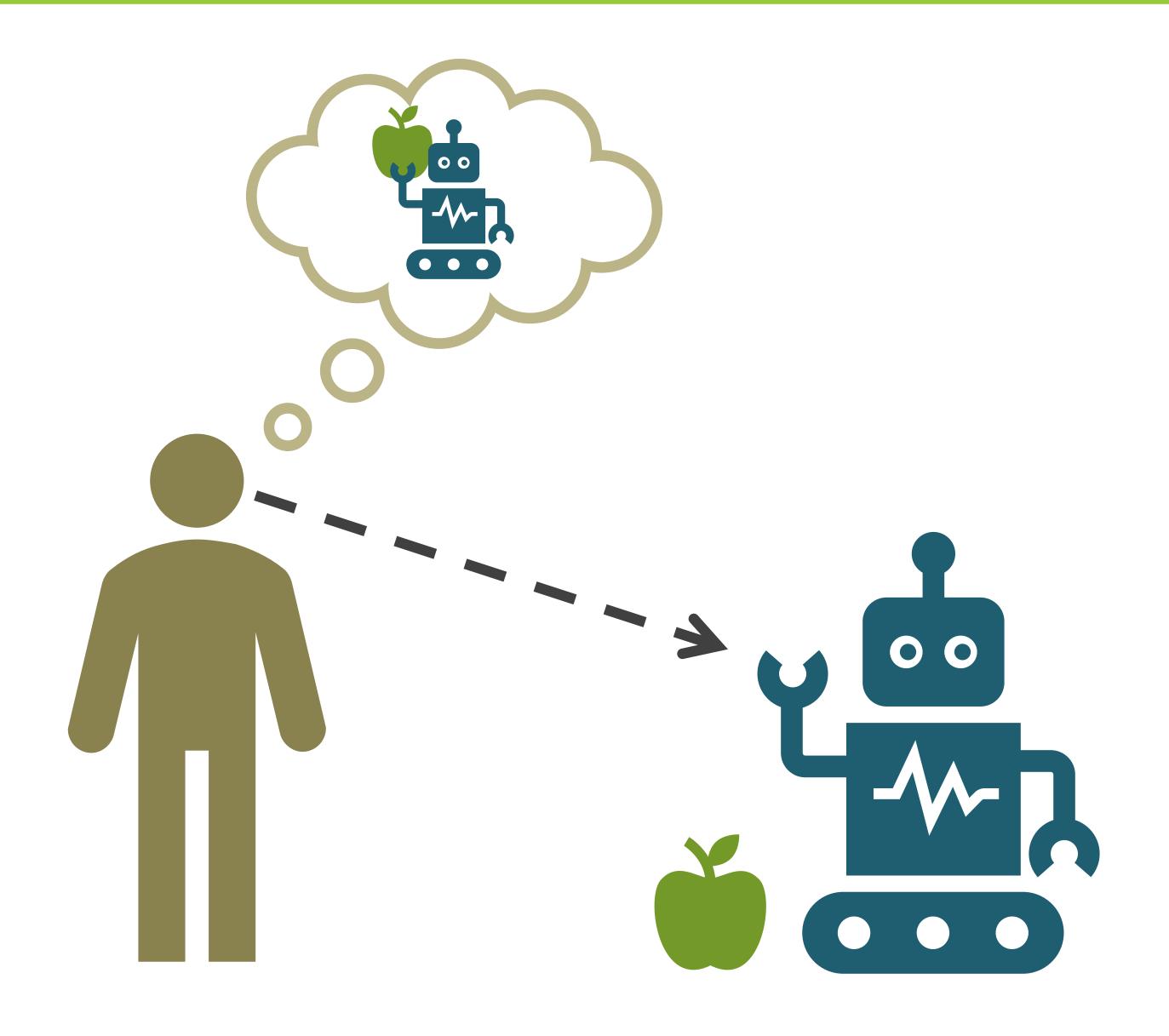
Clarifying Social Robot Expectation Discrepancy

Developing a Framework for Understanding How Users Form Expectations of Social Robots

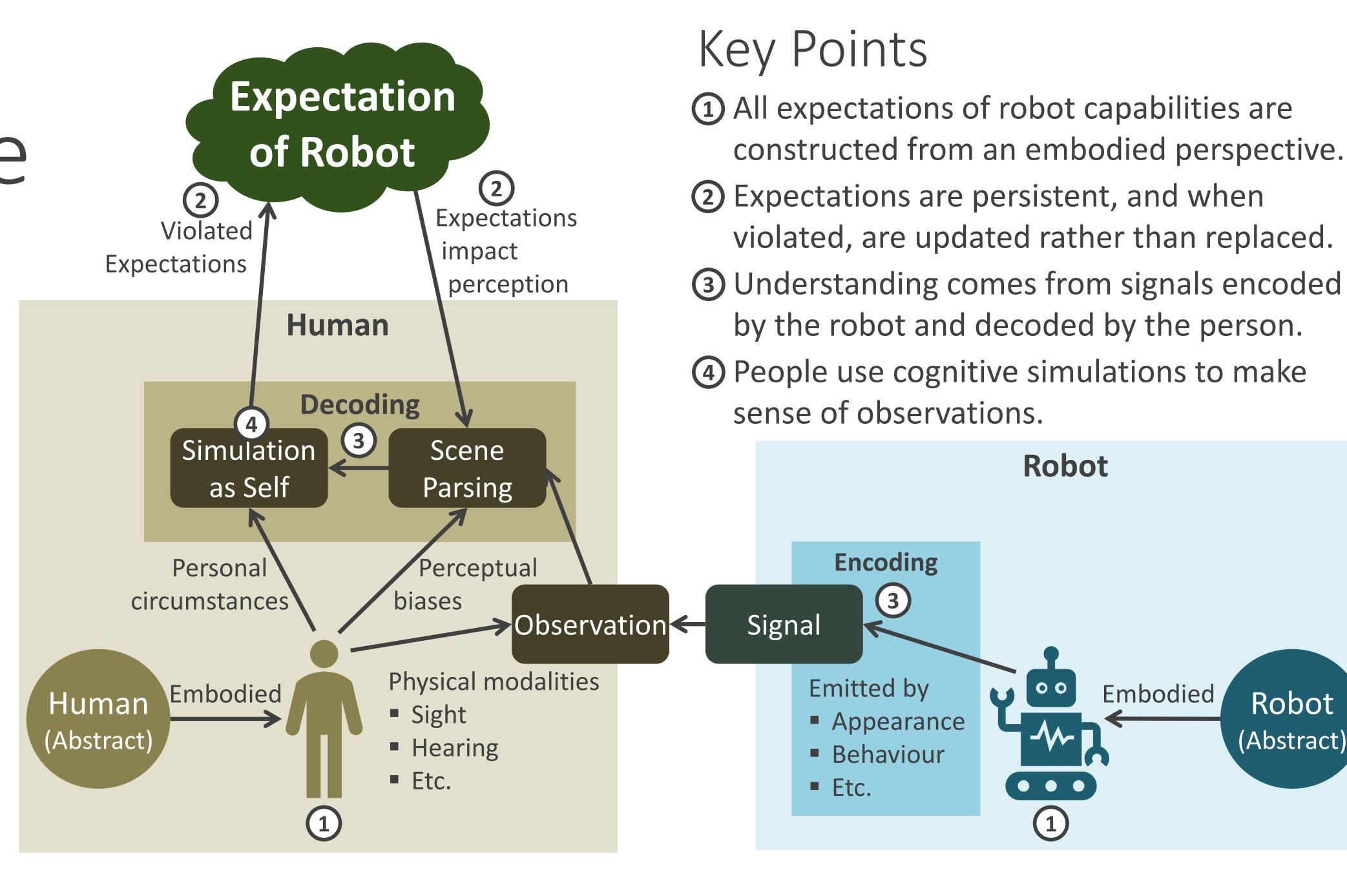


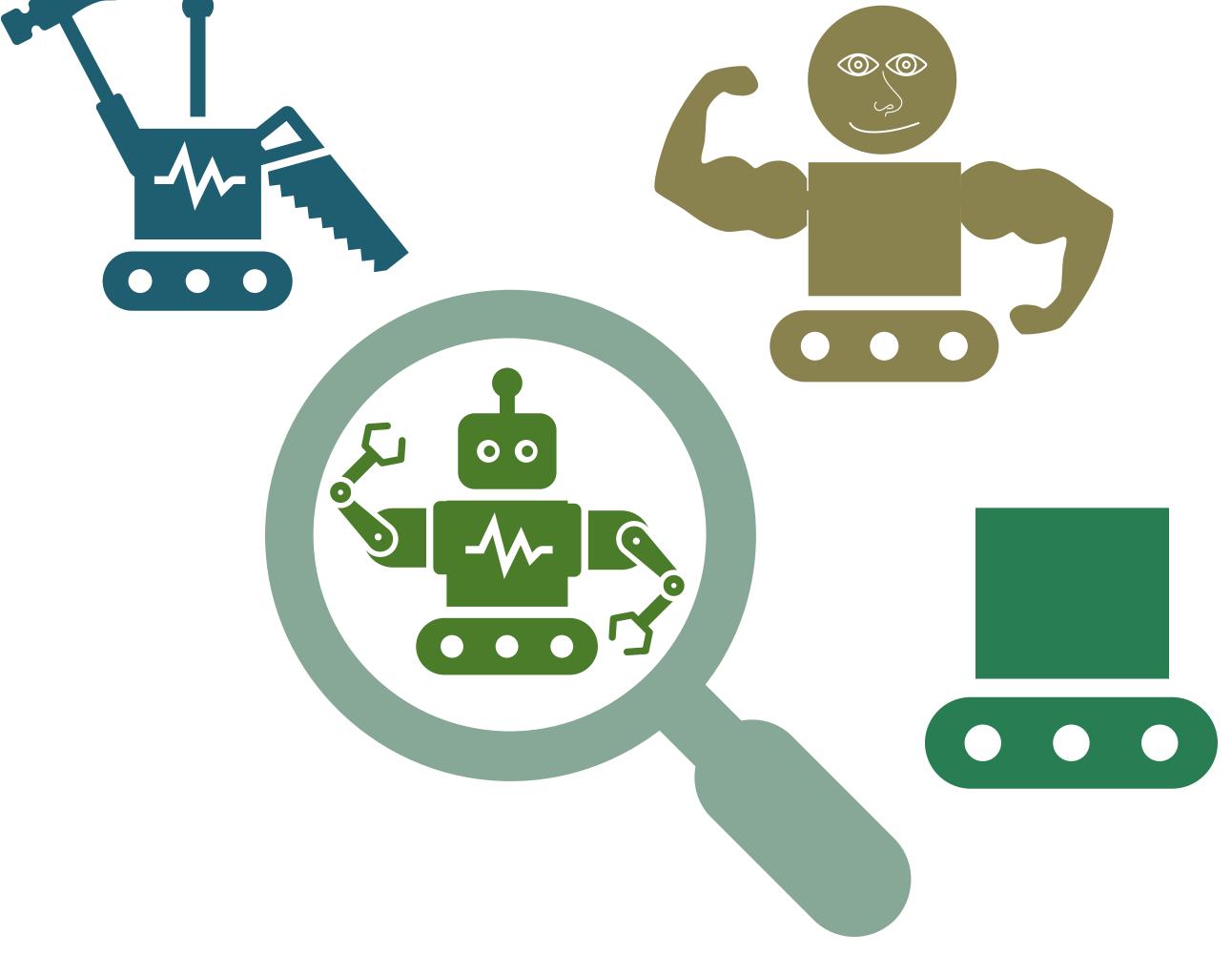
Expectations of robots don't always match up with reality.

For example, a robot having hands may lead users to expect it can pick things up, and disappoint them when it fails to do so.

How do people come up with expectations?

Using existing theories of expectation formation between humans, we have created a model of how human expectations of robots develop.





How can we give designers tools to shape expectations?

Embodied

Robot

(Abstract)

We aim to develop recommendations, tools, and frameworks to help designers use outward design features and behaviours to influence expectations.

