



Haptic
Smart interaction
element & surprises




Haptic
Bridge the barrier of robot
stigma, fabric surface invites
user to touch, and be
surprise by its soft spongy
surface. The robot registers
users type of touch at the
exact same location for
haptic interactions (work
in progress)

Interaction
Intuitiveness



Interaction
User detected within laser
range, trigger extension &
initiate interaction

Visual engagement



Visual engagement
Attract / invite user to inves-
tigate the anonymous
"breathing object"

INDUSTRIAL DESIGN

OBJECTIVE

- + Communicate engineering & research intent into tangible forms & interactions in social robots.
- + Design affordance to increase the effectiveness and acceptance towards human robot interactions.

ACTIVITIES

- + Research focuses on human sensory interactions to engage user in a haptic (senses) human robot interaction.
- + Research & Understanding user requirements
- + Concepts & Concept Developments
- + Design validations & Developments for downstream engineering processes

POTENTIAL APPLICATIONS

Interaction designs may have potentials to be applied to other robots (social or industrial) or even products to improve our lives.