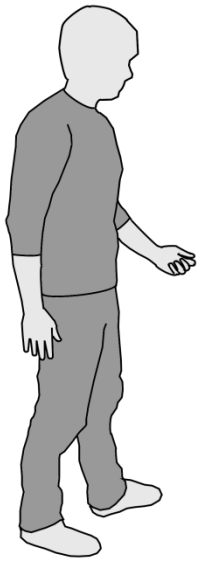
Sonja Rümelin
Christopher Rölle

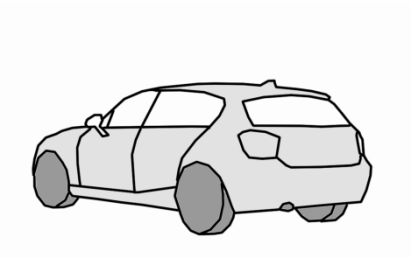
Using the last steps

exploring natural interaction for automotive use cases

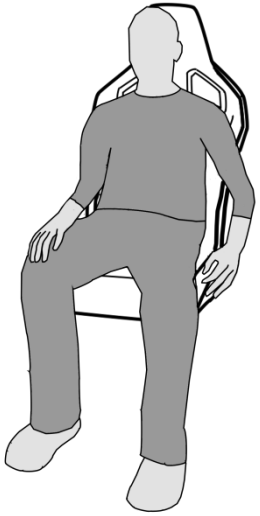
BMW
GROUP Forschung und Technik

Approach…

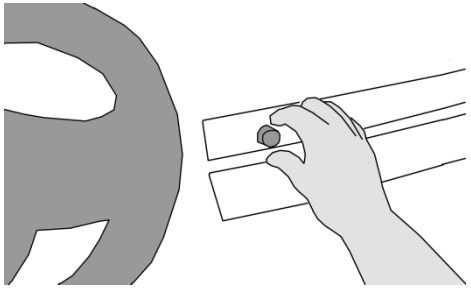




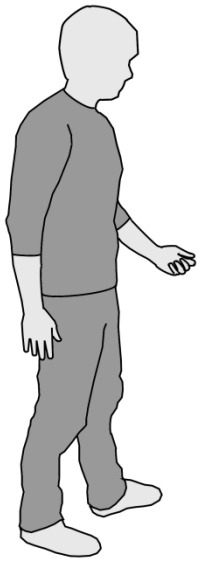
…configure…

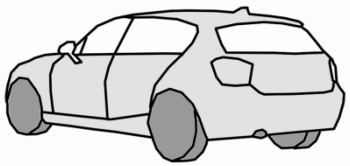


…configure…

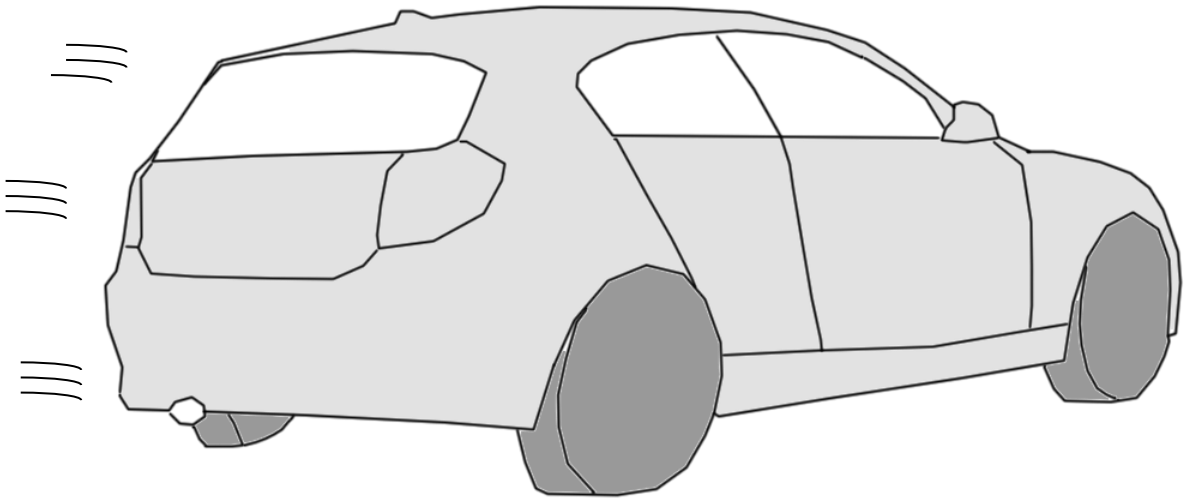


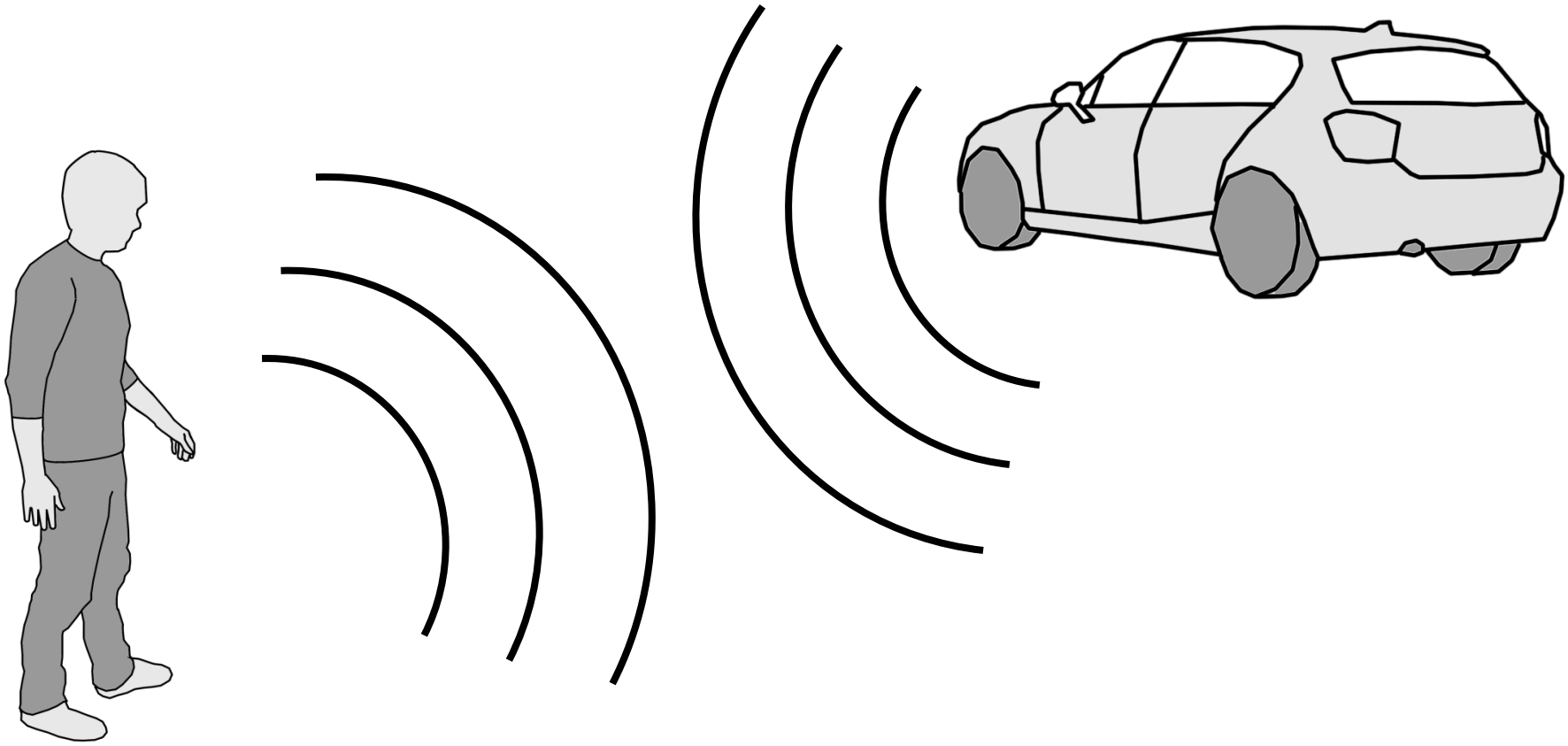
Approach...

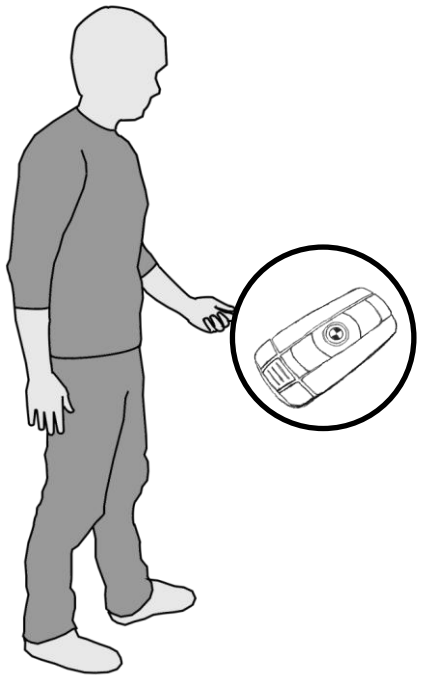


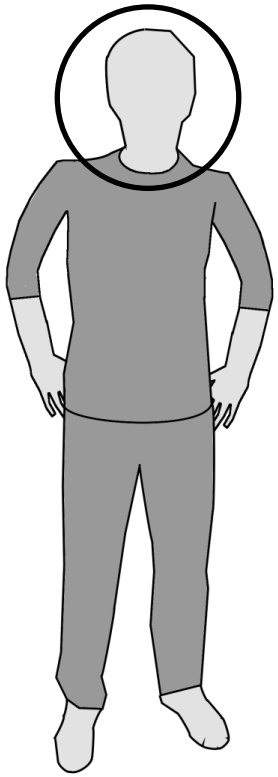


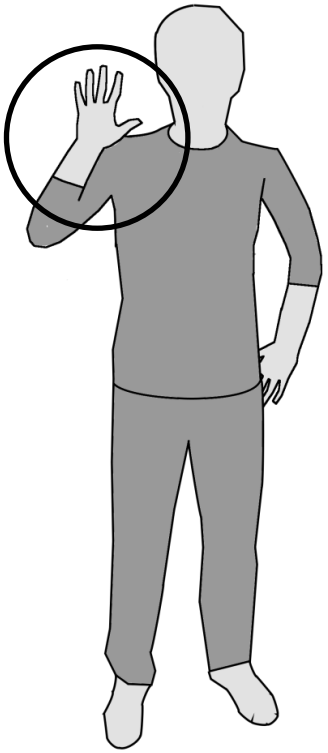
...drive!

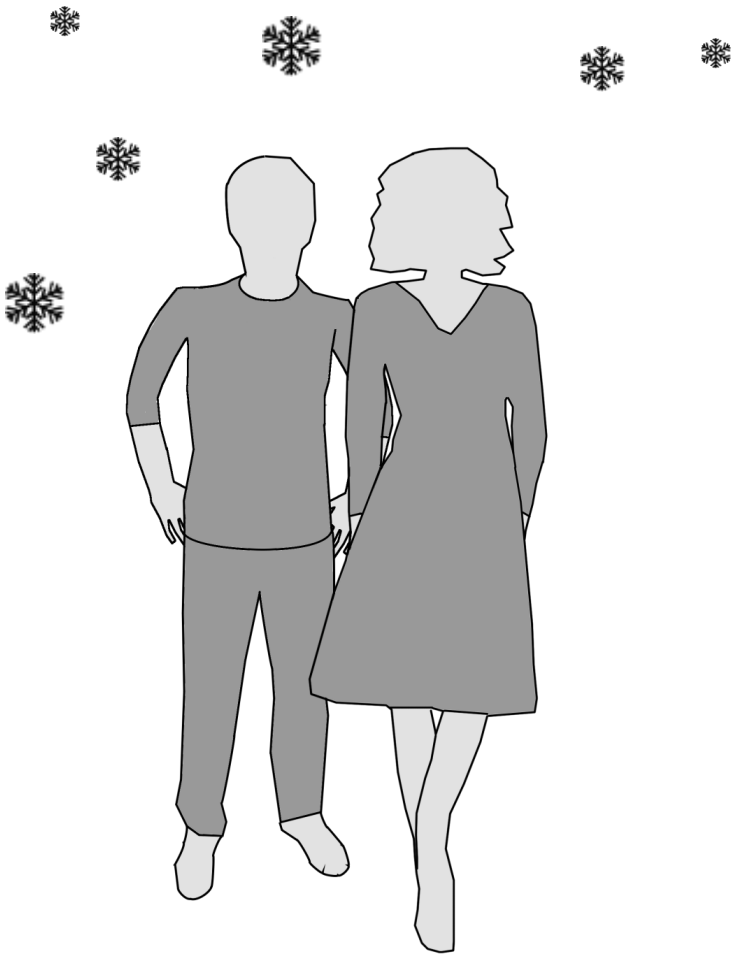


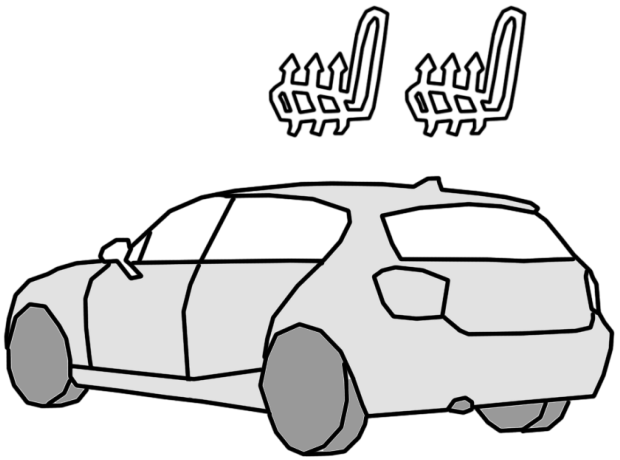


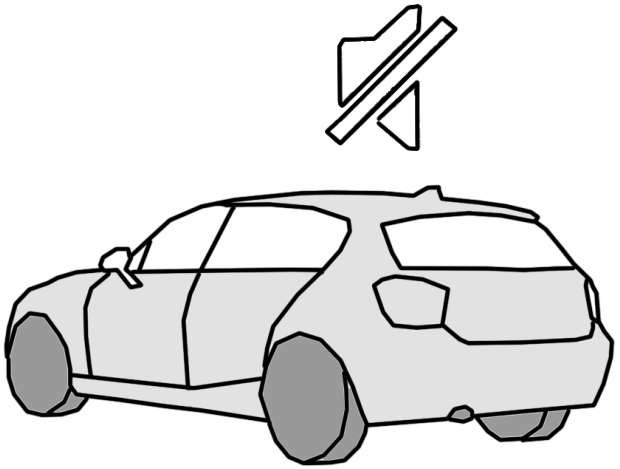


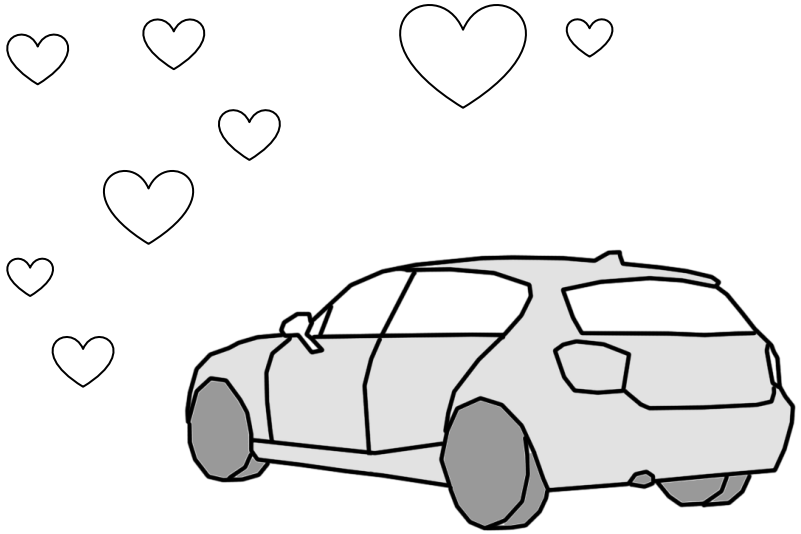












implicit

sensors

number of people

height

temperature

open arms

show fingers

wave

cross arms

explicit

implicit

sensing of the surrounding

sensors

number of people

height

temperature

context model

implicit

sensing of the surrounding

sensors

number of people

height

temperature

walking speed

calendar data

rain

light conditions

baggage

identities

open arms

wave

show fingers

cross arms

explicit

gestures while approaching the car

concrete commands

open arms

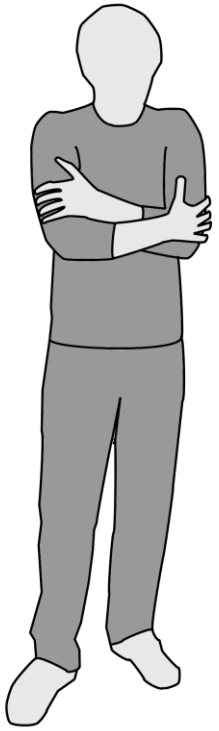
wave

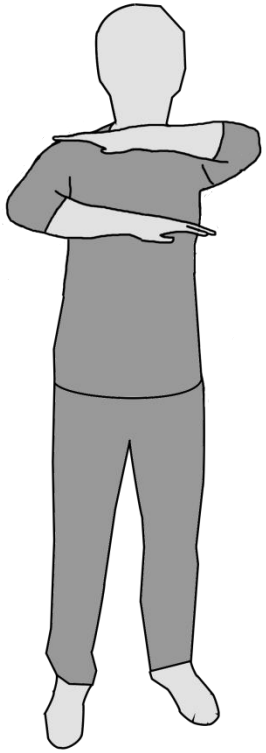
show fingers

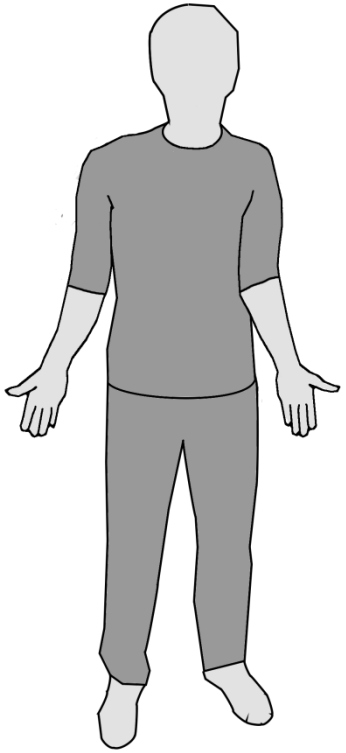
cross arms

explicit

gestures while approaching the car







explicit

gestures while approaching the car

implicit

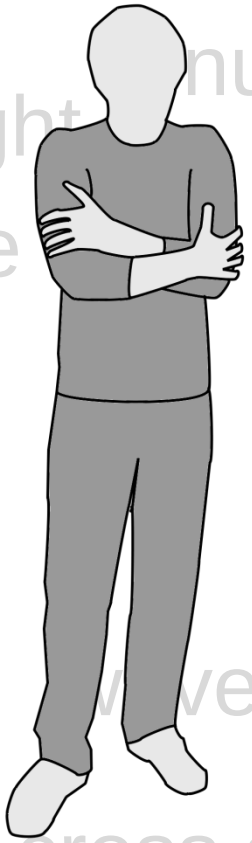
sensors

height

number of people

temperature

intelligent



configuration

open arms

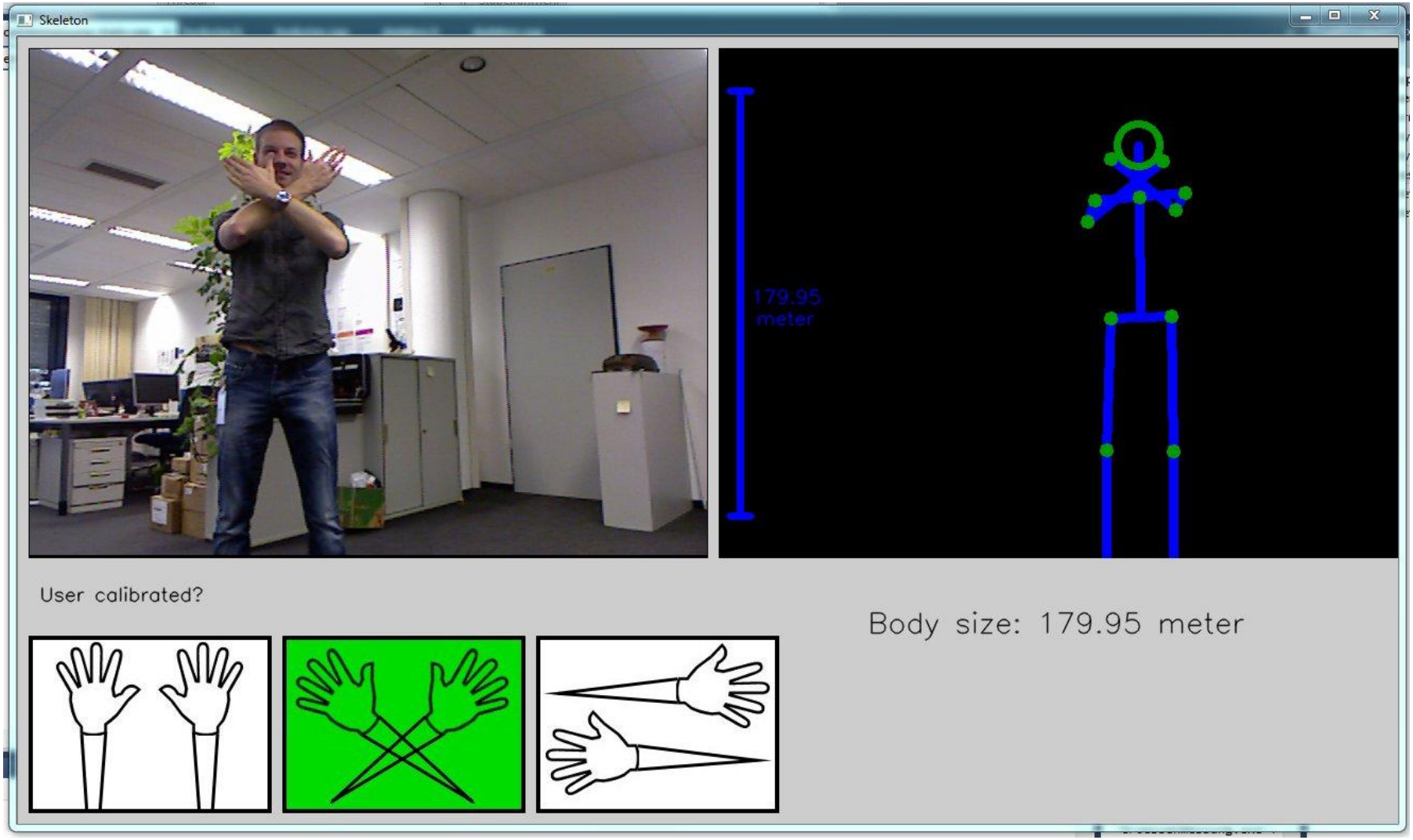
show fingers

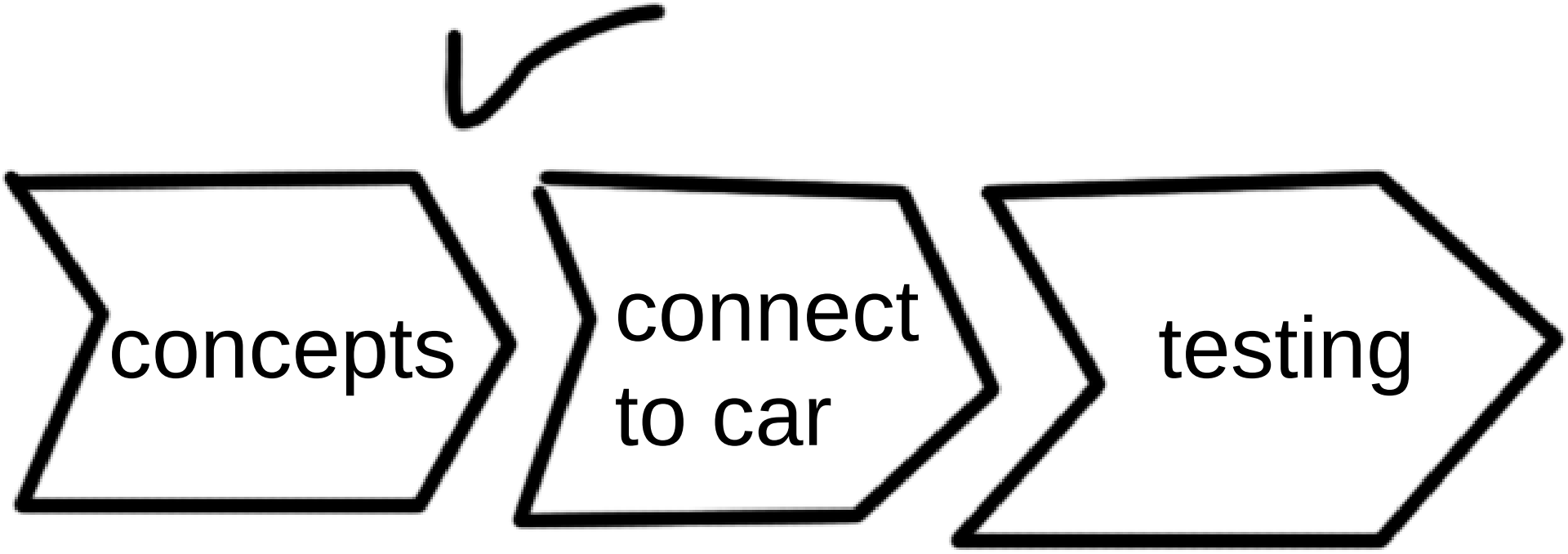
wave

explicit

cross arms

OpenNI™


Skeleton
179.95
meter
User calibrated?
Body size: 179.95 meter


concepts
connect
to car
testing

Sonja Rümelin
Christopher Rölle

Thank you for your attention

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