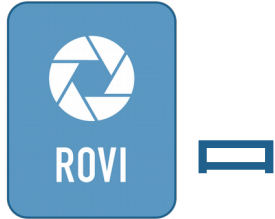# Feeling by seeing

Camera-based sensors for smart robots

Ruofan Xu
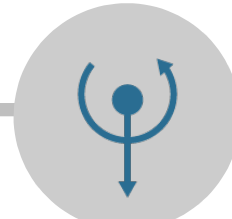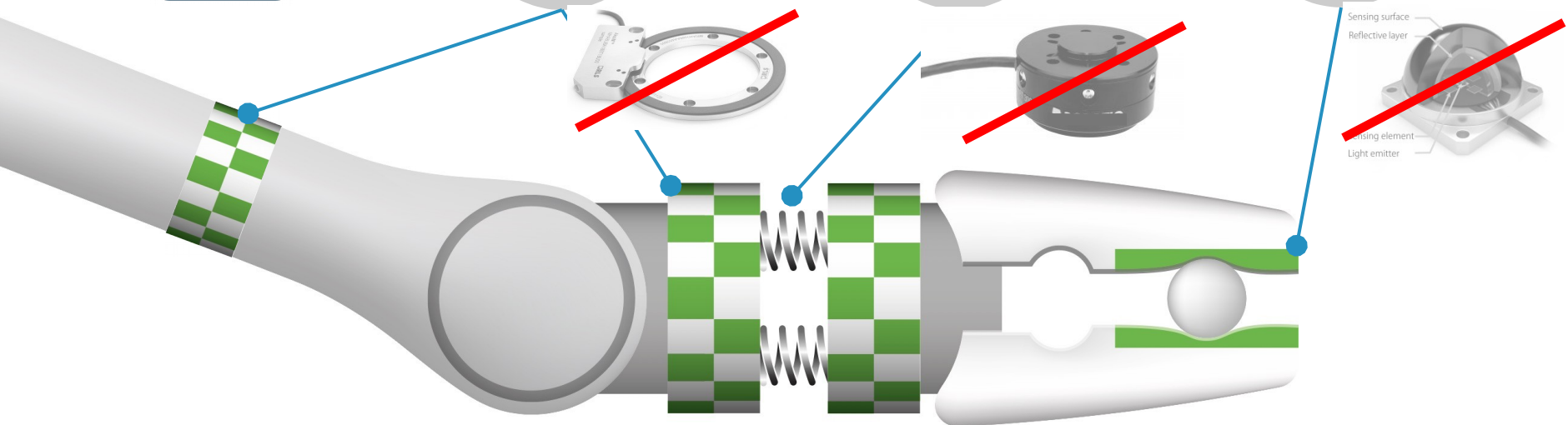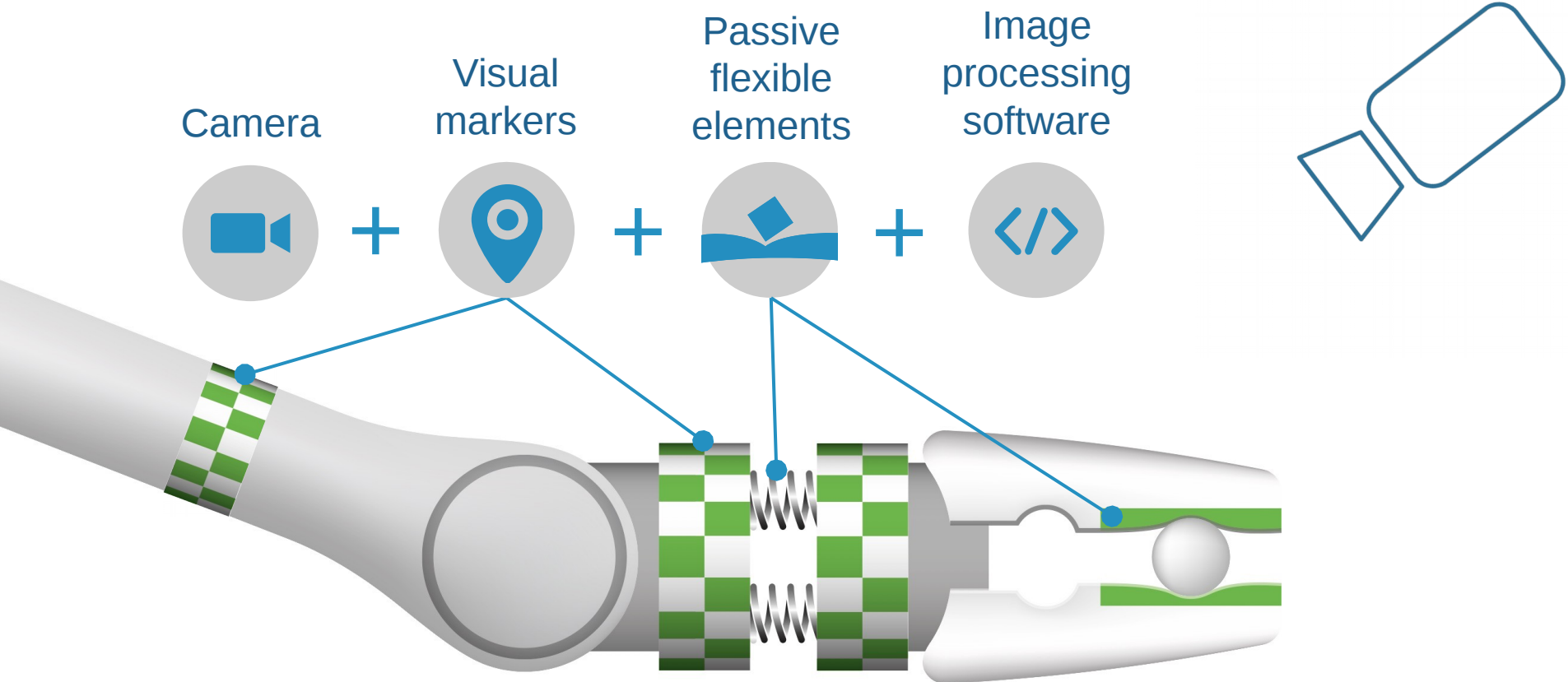
Virtual software sensors

Joint encoders

Force/Torque

Tactile

Sensing surface
Reflective layer
Sensing element
Light emitter

ROVI ROBOT VISION

Camera

Visual markers

Passive flexible elements

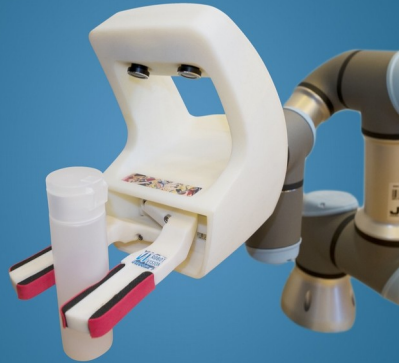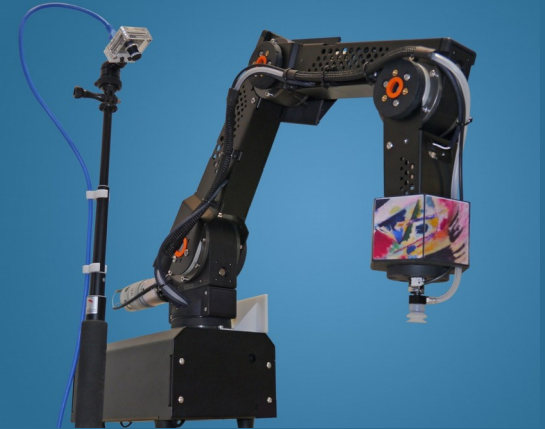Image processing software
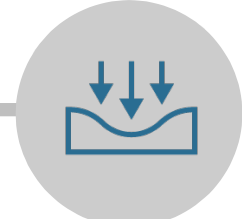
Tactile Sensor

Versatile gripper
with tactile sensors

Camera-controlled
robot arm

Virtual software
sensors

RoVi - looking for

- Partners for pilot projects
- Investors (round planned for mid 2019)
- Team members (robotics, computer vision)

contact@rovi-robotics.de

www.rovi-robotics.de

Virtual software sensors

Booth/EFSC forum