

## Human Robot Collaboration

### Profile and Objective

This laboratory covers different methods of human-robot collaboration. A special focus is set on single-arm industrial manipulators. We research different sensors and technologies for safely detecting humans in the surroundings of the robot.

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#### + Hardware

- KUKA LBR iiwa 7 R800
  - SICK Visionary-T
  - Basler ToF
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#### + Software

- Matlab
  - SOPAS Engineering Tool
  - ToF Viewer
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