

Safe contact forces between human and robots

Goal

- Make safe human-robot collaboration possible!
- A robot controller that avoids high collision forces in case of impact



by Iosaf Bennis/Dribbble

Tasks

- Discover different kinds of dangerous contacts between humans and machines
- What are the allowed impact forces on different body parts



 ISO/TS 15066:2016, *Robots and robotic devices – Collaborative robots*, International Organization for Standardization, 2016.

 S. Haddadin, *Towards the human-friendly robotic co-worker*, PhD Thesis, 2009.

Contact details

Email: stefan.liu@tum.de