



## KUKA presents innovation project at the IROS 2022

**Augsburg/Kyoto, October 18, 2022 - At the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) from October 23-27, 2022, KUKA will demonstrate with a research application what collaboration between humans and robots can look like.**

IROS is one of the largest and most influential robotics research conferences in the world and will be held this year in Kyoto, Japan, under the theme "Embodied AI for a Symbiotic Society." KUKA is a gold sponsor of the event and is also presenting a robotics application with a haptic robot controller together with the Stanford Robotics Lab.

In the application, humans and robots work together to play the game "Buzz Wire." In the game, a sensitive KUKA lightweight robot LBR iiwa guides a metal loop along a bent wire without touching the wire with the loop. The user controls the robot with a haptic device that provides force feedback to help the user play. This allows the user to feel the physical interaction of the robot with the environment through the device. The application demonstrates how humans and robots can interact and how algorithms can be used for safe and robust haptic robot control.

### About IROS 2022

The conference provides a forum for the international robotics research community to explore the frontiers of science and technology in intelligent robots and intelligent machines. In addition to technical sessions and multimedia presentations, IROS conferences also feature panel discussions, forums, workshops, tutorials, exhibits, and technical tours.

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# KUKA



## KUKA

KUKA is a global automation corporation with sales of around 3.3 billion euro and roughly 14,000 employees. The company is headquartered in Augsburg, Germany. As one of the world's leading suppliers of intelligent automation solutions, KUKA offers customers everything they need from a single source: from robots and cells to fully automated systems and their networking in markets such as automotive, electronics, metal & plastic, consumer goods, e-commerce/retail and healthcare. (As at December 31, 2021)