BruBotics is a joint initiative of 8 research groups of the Vrije Universiteit Brussel sharing a common vision: improving our quality of life through Human-Centered Robotics.

**HIGHLIGHTS**

- Cobots: human-robot collaboration in the **manufacturing industry**
- Next-generation **bionic prostheses**
- **Exoskeletons** for use in rehabilitation, manufacturing, logistics or care
- Social robots for use in **care and retail**

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Visit our website
BRUBOTICS.EU
EXPERTISE

BruBotics uniquely combines almost all fields of science to create a future where humans and robots collaborate and strengthen each other.

Our multidisciplinary team consists of:

- Robotics engineers working on next generation human robotic technologies
- Human Physiologists assessing the impact on mind and body
- Rehabilitation Scientists evaluating the effectiveness of new therapies
- Artificial Intelligence researchers making it all smart using machine and reinforcement learning techniques and allowing robot to understand language
- E-Health engineers working on AR, VR and serious games
- Ageing studies investigating how robots can help older people
- Sociologists who design human-robot interactions and assess the impact and acceptance

From fundamental research to applied research: From developing self-healing materials for use in soft robotics to evaluating commercially available exoskeletons, BruBotics’ research covers the entire research pipeline.

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