

## “SPARX”-TALK BY RAFAEL HOSTETTLER: HOW ROBOTS MAKE US IMMORTAL

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**Munich-based scientist Rafael Hostettler builds humanoid robot avatars and one day, would like to become a robot himself. He is researching to overcome the limitations of the human body and make science fiction a reality. In his "Sparx" talk, the robotics expert outlines an exciting future in which robots revolutionise humanity. Because it is them who make eternal life possible for us.**

Rafael Hostettler aims at nothing less than immortality. To enable us humans to live forever, the scientist has been building humanoid robots for seven years. "Roboy" was the first to reproduce the complexity of the human body, equipped with muscles, tendons and a skeleton. Hostettler's vision is as clear as it is ambitious: these robot bodies should be just as robust, flexible and powerful as human bodies. And they should be able to do even more. The human body is fragile and not designed to last forever, sooner or later we die – but in the body of a robot, humans could make themselves immortal and actually embark on light-years-long journeys.

### Overcoming space and time with telepresence

In his "Sparx" talk, Rafael Hostettler looks far into the future and sketches a world in which humans can travel around the world in the body of a robot and be present anywhere.

"Telepresence gives us the possibility to slip into the role of the robot and teleport to wherever it is on earth," says Rafael Hostettler in his "Sparx" talk and explains what is possible with the help of a VR headset, controller gloves and a force feedback waistcoat: "You feel what the robot feels, you hear what it hears, and when you move your head, the robot moves its head too, so it really feels to you as if you were that robot." This way, according to Hostettler's vision, one could change the environment from a distance of thousands of kilometres. "Imagine what it would be like to just jump into a robot, travel halfway around the planet and hug your old mother and have a coffee with her."

More on Hostettler's visions, the state of research and how realistic it is that in 30 years we will be using robots that are equal to the human body: [In the "Sparx" talk "Terminator? Robodies! How robots extend the human body"](#).

### **"Sparx" – Ignites your mind. Decodes the future.**

Video-Talks about IT, artificial intelligence and digital innovations

Under this pioneering title, the innovative IT company Trivadis – Part of Accenture launches the second season of the inspiring video talk series in November 2021. "Sparx" brings together some of the most brilliant minds from the world of information technology, who passionately share their knowledge in practical keynotes. Every two weeks, in short episodes of 10-30 minutes, these experts shed light on future-relevant topics such as artificial intelligence, digital ethics or robotics, it's all about ground breaking findings and new research trends.

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### **About Trivadis – Part of Accenture**

Trivadis – Part of Accenture is an IT services company with headquarters in Zurich and 15 offices in Switzerland, Germany, Austria and Romania. Founded in 1994, the company with 700 employees supports its clients in making intelligent use of data and new technologies. Trivadis covers the entire spectrum: from the development and operation of data platforms and solutions to the refinement of data as well as consulting and training. Trivadis' customers include automotive companies as well as insurance companies, banks and healthcare institutions. Further information at: <https://www.trivadis.com/en>

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