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Dr. Sirko Straube studied neurobiology and computer science at the Albert-Ludwigs-University Freiburg, Germany, where he received his diploma in biology in 2005. From here, he studied object recognition in the human brain at the Department of Human Neurobiology, University of Bremen, Germany.

After completing his dissertation in 2009, Sirko Straube started his career as a senior researcher at the Computational Neuroscience group at the Carl-von-Ossietzky-University Oldenburg, Germany, and at the Robotics Group of the University of Bremen, Germany. In 2010 he joined the Robotics Innovation Center of the German Centre for Artificial Intelligence (DFKI) leading projects focused on human-machine interaction, machine learning, hybrid teams of humans and robots, and advanced training for companies in robotics.

Since 2015, Sirko Straube is the Research & Administrative Manager (RAM) of the Robotics Innovation Center, where he is part of the strategy board of the institute and takes responsibilities for personnel and financial planning. As RAM, he has the role of the deputy director and is involved in cooperation with public and industrial partners. Between 2017 and 2019, he headed the newly founded software board of the institute, being responsible for quality management and transparency in software developments.

Since 2018 Sirko Straube is a member of the Platform Learning Systems of the German Ministry of Education and Research (BMBF). In 2020, he initiated the podcast ThinkReactor together with a regional entrepreneur to provide more information about Artificial Intelligence and the people behind it to the public. Since 2024, Sirko Straube is additionally Principal Investigator in the SENAI CIMATEC Advisory Council, Salvador, Bahia, Brazil.