



So AI contributes to creating jobs for a diverse workforce?

Steil: On the one hand, it provides options for inclusion, on the other, the diversity of impairments makes personalised solutions necessary. Personalisation is the prerequisite for adoption. Especially for severe impairments the need for adaptation is higher as a rule. This is probably the biggest difficulty: we need technical systems that are adapted to the individual demands and still so flexible that they can adapt further over time. After all, physical and mental skills change. It can, for example, be necessary for a robot to move more slowly in human interaction – instead of setting a pace that the operator can no longer keep up with.

What role do ethical and legal considerations play in the development of inclusive AI systems?

Steil: They play a prominent role because technical and AI systems can only assist when processing data that also always reveal information on the situation, the person and their performance. This opens the door for new monitoring and control possibilities that we must keep an eye on.

Are AI technologies already successfully employed at work?

Steil: AI technologies are not employed as often as it would be possible. In addition to the aforementioned need for adaptation, a tech-savvy environment and structural prerequisites such as a certain level of know-how are required for technical solutions to really be deployed. In this respect Germany suffers from huge pent-up demand. Academic research results are often not translated into real products, let alone for the mass market.

Nonetheless, we currently see many changes caused by the use of generative AI, which generates new images or videos on the basis of data entries. In future, we will be able to talk to machines – and



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Internationale Fachmesse für Rehabilitation und Pflege
International Trade Fair for Rehabilitation and Care

DÜSSELDORF, GERMANY
25-28 SEPTEMBER 2024

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resources from the equalisation fund by the Federal Ministry of Labour and Social Affairs (BMAS). <https://www.ki-assist.de>

PIKSL brings together people with and without disabilities to make inclusion happen through innovative ideas. PIKSL is short for “Personenzentrierte Interaktion und Kommunikation für mehr Selbstbestimmung im Leben“ (Person-Centred Interaction and Communication for More Self-Determination in Life)

<https://piksl.net>

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Info REHACARE 2024

REHACARE 2024 trade fair: from 25 to 28 September 2024 a unique community of people with disabilities, their families, carers and supporters as well as companies specialising in the needs of these people will come together in Düsseldorf. REHACARE provides an international platform to exchange ideas with experts as well as like-minded people. There are multiple opportunities here to make new contacts and find out about the current developments and trends. These include both digital and analogue mobility solutions, medical aids and care and therapy offers but also inclusive sports and leisure options.

For more information on Rehacare 2024 including the exhibitors' and event programme, please visit the official website of the trade fair: www.rehacare.de



