



AI in the Healthcare System – Part 1: Data Knows Better

Talk

Date	Time	Location
April 9, 2019	14:30 - 15:30	_Hub 4, Hall 4.2

Will artificial intelligence revolutionize healthcare? Will AI help us deal with annoying documentation tasks, make therapy decisions and replace the radiologists in the future? Or will we soon realize with disillusionment that many of the computing tasks in the medical field are too complex and too flawed to use AI?

Two panels will shed light on artificial intelligence in its current application and future in health care.

In fact, software technologies such as machine learning or deep learning combined with advanced computing, memory processing, and big data, speech, and image processing technologies enable applications today that were unthinkable a few years ago. In healthcare, we often encounter "weak" AI, that is, software solutions for specific application problems, such as speech recognition or navigation system. The "strong" AI, on the other hand, should have the same intellectual skills as humans, or even surpass them. Software that reacts to unpredictable events or makes decisions despite insecure knowledge is scarcely found in the current German healthcare system.

This panel will take a look into the future. What tasks can be automated to leave more time for patients? Will the completely automated diagnosis in radiology be technically possible? And what ethical questions arise from the fact that software could make better decisions than hospital planners, healthcare professionals, or even patients themselves?

This session is organised and held by the Project Group Artificial Intelligence, German Association of Health IT Vendors – bvitg e. V., the Cluster HealthCapital Berlin Brandenburg and Lernende Systeme – Germany's Platform for Artificial Intelligence.

Tags

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