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AI in hearing aids

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We encounter artificial intelligence (AI) every day. Speech recognition in smartphones, keyword searches on the internet, or even the filtering of spam messages are all based on machine learning processes, an important element of AI. Even hearing aid manufacturers are increasingly claiming in their ads that AI and "deep neural networks" are in their products.

But what does this mean, what is behind these statements in terms of technology, and what concrete progress can hearing aid acousticians and customers expect from these developments? The lecture attempts to clarify what "AI" actually is, will give an overview of various machine learning methods in hearing aids, and venture a look into the future.