

## **AnonymPrevent- AI-based Improvement of Anonymity for Remote Assessment, Treatment and Prevention against Child Sexual Abuse**

Initiative: Künstliche Intelligenz – Ihre Auswirkungen auf die Gesellschaft von morgen

Ausschreibung: Künstliche Intelligenz – Ihre Auswirkungen auf die Gesellschaft von morgen - Full Grant (nur nach Aufforderung)

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The consortium investigates both the use and improvement of innovative AI-based anonymization techniques for initial counseling and preventive remote treatment of people who are sexually attracted to children. The Institute of Sexology and Sexual Medicine at the Charité Berlin, here acting as both practical and research partner, has been leading national and international projects for therapy-motivated people with pedophilic or hebephilic inclinations. The goal of AnonymPrevent is speech anonymization that anonymizes a patient's identity (voice, manner of speaking) while retaining the emotion and personality expression content relevant for clinical diagnostic assessment. The trustworthiness of such an AI system is crucial for the utilization of the preventive therapy offer by those seeking help, since participation is associated with shame and fear of social exclusion. The team also investigates whether anonymization of the verbal communication channel leads to more acceptance for preventive treatment against child abuse and promotes an open exchange without unfavorably influencing the communication in the therapy.

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**Open Access-Publikationen**

**Towards Emotion Preserving Voice Conversion Using Deep Embeddings**

**Voice Privacy - leveraging multi-scale blocks with ECAPA-TDNN SE-Res2NeXt extension for speaker anonymization**

**Why Eli Roth should not use TTS-Systems for anonymization.**