

## **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)

Bewilligung: 28.10.2021

Laufzeit: 3 Jahre

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.

### **Projektbeteiligte**

#### **Prof. Dr.-Ing. Ingo Siegert**

Universität Magdeburg  
Fakultät für Elektro- und Informationstechnik  
Institut für Informations- und  
Kommunikationstechnik  
Magdeburg

#### **Prof. Dr.-Ing. Sebastian Stober**

Universität Magdeburg  
Fakultät für Informatik  
Institut für Intelligente Kooperierende System  
Magdeburg

**Prof. Dr.-Ing. Sebastian Möller**

Technische Universität Berlin  
Institut für Softwaretechnik und Theoretische  
Informatik  
Quality and Usability Lab  
Berlin

**Dr.-Ing. Tim Polzehl**

Technische Universität Berlin  
Quality and Usability  
Institute of Software Engineering and Theoretical  
Berlin

**Prof. Dr. Dr. Klaus Beier**

Charité - Universitätsmedizin Berlin  
Centrum für Human- und Gesundheitswissenschaften  
Institut für Sexualwissenschaft und Sexualmedizin  
Berlin