Keynote Abstracts

Prof. Dr. Ceenu George (TU Berlin)

Seamless and Secure User Journeys between Physical and Virtual Reality

I am a researcher in Human-Computer Interaction, specialising in XR. My research explores social dynamics between XR users and bystanders, striving for socially acceptable and secure interaction methods. By improving usable security and privacy in XR and creating seamless mixed reality experiences, my research aims to make this technology more intuitive and integrated into everyday life. Through innovative methods, my team and I not only enhance user experiences but also strive to bridge the gap between the virtual and physical reality.

Dr. Denise Kühnert (RKI Public Health)

Archaeogenetics meets phylodynamics meets deep learning: Tracking infectious disease agents over months, years and millennia

State of the art phylogenomic and phylodynamic methods allow us to track the evolution and spread of viruses and other infectious disease agents using modern and ancient genome data. I will present insights obtained from modern and ancient pathogen genomes and give an outlook on how deep learning will change this field.

Dr. Sebastian Arnold (Bayer AG)

How will Generative AI shape tomorrow's workplace?

Generative AI is rapidly transforming the way we work with data and knowledge. What impact does this have on academia, industry, and our personal skills? How can we cultivate the responsible use of this powerful technology? This talk will discuss some of the key aspects that will shape the professional practices of the future.