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## Keynote: **Privacy and information security in the education world**

By Professor Kai Rannenberg

### Biography



**Professor Kai Rannenberg,**  
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Kai Rannenberg holds the Chair of Mobile Business & Multilateral Security at Goethe University Frankfurt since 2002 and a Visiting Professorship at the National Institute for Informatics (Tokyo, Japan) since 2012. Until 2002, he was working with the System Security Group at Microsoft Research Cambridge on „Personal Security Devices & Privacy Technologies“.

Since September 2021 Kai is the IFIP Honorary Treasurer; before he was an IFIP Vice President since 2015 and an IFIP Councillor since 2009. Since 2014 he is Chair of the IFIP Publications Committee and Editor-in-chief of the IFIP Advances in Information and Communication Technology. From 2007 till 2013 Kai chaired IFIP TC-11 “Security and Privacy Protection in Information Processing Systems”, after having been its Vice-Chair since 2001.

Kai has been coordinating several leading EU research projects, e.g. the Network of Excellence “[Future of Identity in the Information Society](#)” and the Integrated Project “[Attribute based Credentials for Trust](#)” ([ABC4Trust](#)) and is coordinating [CyberSec4Europe](#), a pilot for the European Cybersecurity Competence Network the EU is aiming for.

### Abstract

(Work in progress)

Some questions/ideas...

Education: Which are the digital competences a pupil, then a student at university, a Teacher in the different school’s level and finally the different stakeholders of the education system should master to have a secure behaviour in the evolving digital world? What can be done in primary and secondary schools to prepare the digitally equipped citizens?

Security: What should be done technically to protect the education world against the various security failures?

Which are the today’s challenges in this area. What is the promising research today?