

DiSCourse Seminar

The Department of Computer Science and the Digital Science Center would like to invite you to the following presentation:

Rainer Böhme

Watching and Policing Decentralized Finance

Ethereum is a cryptocurrency system with a more expressive programming interface than Bitcoin. It has enabled the rapid growth of a shadow financial system running on a “global computer” built on top of a peer-to-peer network. This talk recalls the basic principles of the technology, gives examples for emerging business practices (good, bad, and ugly ones), and shows why it is difficult to extract meaningful information from the body of data on Ethereum’s public blockchain. Overcoming these problems with computer science methods (developed and refined in our lab) enables empirical research and helps law enforcement to police this ecosystem.

About the speaker

[Rainer Böhme](#) is Professor for Security and Privacy at the University of Innsbruck. As such, he is the Head of the Security and Privacy Lab at the Department of Computer Science. His research interests revolve around digital forensics, virtual currencies and cryptographic financial instruments, and cybercrime, among others.

Date and Time: Friday, 11 March 2022, 12:00 CET (noon)

Please note: This presentation will be given **online** in [Big Blue Button](#). Participants do not need to register.

Guests are welcome!