



OPEN MINDED 2016 #1

*Think outside of your box @ the Open Minded lunch lecture**

“BITCOINS & MONEY LAUNDERING”

Processing the Profits of Banking Malware and
Ransomware

Friday, April 1, 2016 (12PM-1PM)

KOG, Steenschuur 25, 3rd floor

Presentation ♦ Discussion ♦ Networking lunch

'Open-Minded' is the monthly open lab for all researchers working in the field of Technology & Society and/or Law & Technology, hosted by eLaw, Centre for Law and Digital Technologies.

It provides a platform for the exchange of expertise, knowledge and (new) ideas and gives opportunities for building your network.

REGISTRATION & INFORMATION

Please send an email to Elize de Mul [\[e.e.m.de.mul@law.leidenuniv.nl\]](mailto:e.e.m.de.mul@law.leidenuniv.nl) before March 25, 2016.

Do not wait too long, the number of spots is limited!



Dr Bart Custers



Bart Custers PhD MSc LLM is research manager at eLaw, the Institute for Law in the Information Society at Leiden University, the Netherlands. With a background in both law and physics, his research is focused on discrimination and privacy issues of new technologies, particularly data mining and profiling. He currently coordinates the eLaw part of the EU project called EUDECO, on data reuse in the context of Big Data. The previous project he coordinated for eLaw, CONSENT, examined how behavior of social media users and commercial practices are changing the role of consent in the processing of personal data.

In 2013 dr. Custers published the book "Discrimination and Privacy in the Information Society " on the effects of data mining and profiling in the context of Big Data. In 2015 he published a book on the use of drones. On a regular basis he gives lectures on profiling and privacy issues of new technological developments. He presented his work at international conferences in the United States, China, Japan, the Middle East and throughout Europe. He has published his work, over 70 publications, in both scientific and professional journals and newspapers.

Dr. Custers is also head of the research division on Crime, Law Enforcement and Sanctions of the research center (WODC) of the Ministry of Security and Justice in the Netherlands. His research in the area of criminal law is focused on technologies that may contribute to law enforcement, criminal investigation and prosecution. Examples of such technologies are Automated Number Plate Recognition (ANPR), wiretapping, fingerprints, forensic DNA research, database coupling, data mining and profiling, camera surveillance, network analyses and the use of drones.

BITCOIN

Bitcoin is a digital asset and a payment system invented by Satoshi Nakamoto, who published the invention in 2008 and released it as open-source software in 2009. The system is peer-to-peer; users can transact directly without an intermediary. Transactions are verified by network nodes and recorded in a public distributed ledger called the block chain. The system works without a central repository or single administrator, which has led the U.S. Treasury to categorize bitcoin as a decentralized virtual currency. Bitcoin is often called the first cryptocurrency, although prior systems existed. Bitcoin is more correctly described as the first decentralized digital currency. It is the largest of its kind in terms of total market value.

Bitcoins are created as a reward for payment processing work in which users offer their computing power to verify and record payments into a public ledger. This activity is called mining and miners are rewarded with transaction fees and newly created bitcoins. Besides being obtained by mining, bitcoins can be exchanged for other currencies, products, and services.

The use of bitcoin by criminals has attracted the attention of financial regulators, legislative bodies, law enforcement, and media. Criminal activities are primarily centered around black markets and theft, though officials in countries such as the United States also recognize that bitcoin can provide legitimate financial services.

Source:

[https://
en.wikipedia.org/wiki/
Bitcoin](https://en.wikipedia.org/wiki/Bitcoin)

