European
Commission

FINTECH RISK
MANAGEMENT
www.fintech-ho2020.eu

Blockchain and technological risks

The objective of the workshop is to investigate the risks developed by the use of blockchain through some use cases.

14:00	**Opening**

14.15   Clément Lesaege – *CTO @Kleros*

"Technological & Economical risks associate to blockchain"

Blockchains are a technology that allows the transfer of value and the creation of Smart Contracts. However, the slightest error in the design of decentralized applications can lead to disastrous consequences. Through the analysis of past examples such as *The DAO*, this session will be dedicated to good programming practices on Solidity, Ethereum's language, and the pitfalls to avoid.

Programming error is not the only risk faced by designers of blockchain solutions. The economical architecture of blockchain models can also lead to flaws that could be exploited by an attacker. Special attention will also be paid to this point.

Kleros is an open source online dispute resolution protocol which uses blockchain and crowdsourcing to fairly adjudicate disputes.

15.00	**Discussion**

15.30   Jérôme de Tychey – *Global Head of Client Success @Ledger*

"Foresight: what can we expect from the Ethereum ecosystem in the next 6 months?"

The objective of this session is to study the impact of the evolutions of the Ethereum ecosystem on the Fintech sector.

Indeed, while decentralized finance (DeFi) has been experiencing an unprecedented boom for several months. It is necessary to ensure the security and capacity of the blockchain infrastructure to support the growth of these financial innovations. During this presentation, it will be discussed: the short-term changes with Ethereum 2, the maturity and diffusion of scaling solutions, the consequences to be expected for companies using the technology.

Leader of hardware wallet, Ledger is a fast paced, growing company developing security and infrastructure solutions for cryptocurrencies as well as blockchain applications for individuals and companies, by leveraging a distinctive, proprietary technology.

16.15	**Discussion**

Pre-registration required to access the link: https://cutt.ly/rgtp1h2020

The login link will be provided by email the day before the event.