PRESS RELEASE
NOTA DE PRENSA

Blockchain, unraveling the technology

Blockchain and cryptocurrencies, is the hype justified?

Blockchain is an emerging technology first used for digital currency transactions in Bitcoin. Thanks to emerging blockchain platforms, it is now recognized as a more general-purpose technology - a kind of distributed database and computational platform with great potential as it can be used across many industries.

In this video, recorded during a summer research visit at IMDEA Networks, Paul Rimba, a research scientist at the Software and Computational Systems Group of Data61|CSIRO (Sydney, Australia) and a visiting scholar at the MIT Media Lab (Boston, USA), explains the basics of blockchain "in all its wonder".

According to Rimba, blockchain facilitates decentralized and transactional data sharing across a large network of untrusted participants. In addition, it enables new forms of distributed software architectures, where agreement on shared states can be established without trusting a central integration point.

Source(s): IMDEA Networks Institute

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IMDEA Networks Institute is a **research organization on computer and communication networks** whose multinational team is engaged in cutting-edge fundamental science and technology. As a growing, English-speaking institute located in Madrid, Spain, IMDEA Networks offers a unique opportunity for pioneering scientists to develop their ideas. IMDEA Networks has established itself internationally at the forefront in the **development of future network principles and technologies.** Our **team** of highly-reputed researchers is designing and creating today the networks of tomorrow.

Some keywords that define us: *5G, Big Data, blockchains and distributed ledgers, cloud computing, content-delivery networks, data analytics, energy-efficient networks, fog and edge computing, indoor positioning, Internet of Things (IoT), machine learning, millimeter-wave communication, mobile computing, network economics, network measurements, network security, networked systems, network protocols and algorithms, network virtualization (software defined networks – SDN and network function virtualization – NFV), privacy, social networks, underwater networks, vehicular networks, wireless networks and more…*