UNIVERSIDAD COMPLUTENSE
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Redecentralizing the Web: IPFS and Filecoin

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Entrada libre hasta completar el aforo

Resumen:

The Web is broken. HTTP is inefficient and expensive, especially for large files. Webpages are being deleted constantly, with the average lifespan of a web being 100 days. The Web's centralization limits opportunity and innovation. And it causes problems in the developing world, with natural disasters or faulty connections. We can do better. In this talk, I'll explain IPFS, a project intended to replace HTTP and build a better web. IPFS is a peer-to-peer hypermedia protocol to make the web faster, safer, and more open. In addition, IPFS will use Filecoin as a reward mechanism. Filecoin aims to provide a decentralized network for digital storage through which users can effectively rent out their spare capacity, receiving filecoins as payment. Filecoin raised 200M$ last month, breaking all records in blockchain ICOs to date.

Sobre Nicola Greco:

Nicola GrecoPhoto by Virginia Alonso is a Ph.D. student in the Decentralized Information Group at MIT. He is interested in designing and building decentralized infrastructure. He started writing code when he was very young. He was 14 when he started the petition "Linux in Italian Schools", converting schools to use Open Source Software; 16, when he started the BuddyPress' developers community - an open source platform for federated social networks; 17, when he made one of the first unofficial Twitter buttons (two years before they came out); 18, he wrote software for Social Network analysis used by Telecom Italia that awarded him two research grants. The latter was key for his exposure; all of a sudden he was traveling around Europe, gave a TEDx and appeared Italian Wired Top 10 under 25. At 21 left his undergraduate college one year before graduation to join MIT determined to work on re-decentralizing the Web after his experience in Mozilla. At 23 he participated in the design of Filecoin, which raised over 200M dollars. His work on Filecoin served him as his MIT Master Thesis.