**Ethereum for Music Professionals**

* The complexity of players in Music Economy
  + what is Music Economy made of:
    - Tribes
    - Assets
    - Tools
    - Spaces
    - Action
* Pre-Napster Music Economy
  + Money flow chart of each player involved
  + Analog music piracy and music swapping
* Web1 ad Napster
  + Napster Model - central index server
  + Web1 music piracy Digital Music swapping
  + Money flow chart of each player involved
  + MP3 : what have we won? What have we lost?
* Web2 Music Industry and Streaming Platforms
  + The Napster 1st aftermath: Gnutella, Limewire, Kazaa), the iPod, Myspace
  + The Napster 2nd aftermath: iPhone, Streaming Platforms, Social Networks
  + Visual representation of the differences between a Central Index Server and a Facebook/Spotify server
  + Money flow chart of each player involved
  + The Musician’s business model today: is it viable?
* Web3
  + Finance and Social merge
  + Funding evolution: traditional, Kickstarter model, Web3
  + Trustless, Peer2Peer, Trustless, Censorship Free
  + Distributed Ledgers and Bank Accounts: differences and similarities
  + The World Computer
  + Ethereum Vocabulary
    - Nodes
      * PoW and PoS
    - Ether
      * Gas
      * transactions
    - Addresses
      * EOAs
      * Smart Contracts
    - Smart contracts
      * Rules
      * Programmability
      * Automatization
      * Interoperability
    - Dapps
    - Token
      * Erc20
      * erc721/1155 (NFTs)
    - L2
  + Storage on the blockchain and Decentralized Storage solutions (IPFS)
  + DEMO of IPFS
  + Apps vs DApps: differences
    - Login
    - Softwares
    - Data storage
    - Security
    - Policing
  + DAOs
    - Wallet
    - Voting
    - Payments
    - Rules / Governance
    - Example of a DAO website (Aragon)
    - Use Cases: Fan clubs etc.
  + NFTs
    - Example of NFT contract
    - What does it represent and what is digital ownership?
    - Where is the NFT content?
* DEMO
  + Prototype an on-chain music label
    - The Easy Way: Multisigs, NFT storefronts
    - The Hard Way: DAO contract, ERC721 contract, Crowdsale contract, FrontEnd