

Hey! I found that in Ethereum mainnet a highly estimated Tx Fee(gas price) in first-price auctioning mechanism is going to be a sort of FOMO stuffs to blockchain peers. In that, this phenomena was presented by Vitalik at Tech Crunch, the Blockchain session in July.

Is there anyone who considered the removal of Externality problem in Ethereum TX network?

How do you think the Pigouvian Tax mechanism? I think the taxation mechanism is quite similar mechanism in a terms of on-chain protocol like a difficulty mechanism which is an cryptoeconomic rule on a protocol layer. (though the difficulty mechanism has to be adjusted by the core dev)

In my opinion, the Tax Mechanism is quite a great incentive(if there is a beneficiary of tax revenue, but not to a central node) and simultaneously a disincentive as well... The revenue issue would far more to be researched, but the Sharding's rent model(burning the rent fee revenue) may be an good answer.

P.S) This suggestion is not for the current Ethereum main network. I'm just asking about the alternative Tx Fee Mechanism. It's hard to fork or edit the protocol rule in a huge Ethereum network.