

Hello members of the Ethereum Research community,

I'm a Computer Science Master 2 student in France with good academic results and I'll soon be applying for a public research grant.

I'm fairly interested in the Ethereum protocol, and would love to help the community. This mix of computer science, mathematics and economy sounds perfect to me.

I can basically shape my own PhD subject but I need to submit an application with references and intended research topics.

What are the currently active research topics that surround the Ethereum protocol ? I'm particularly interested in game theory and decision making.

I won't have any difficulty to justify use-cases but I'm looking for keywords and recent publications that could provide me some insights on what are the underlying active fundamental research fields.

Paper links/references and why they are relevant to the Ethereum protocol would be very helpful.