

is a weekly collection of papers, articles and resources related to MEV. The intention of this letter is to provide a comprehensive summary of the latest research, discussions, and developments in the space, with links for further reading.

Papers & Articles

- [Forking the RANDAO: Manipulating Ethereum's Distributed Randomness Beacon](#) by [Ábel Nagy](#), [János Tapolcai](#), [István András Seres](#), and [Bence Ladóczki](#) analyzes the manipulability of Ethereum's RANDAO implementation, and introduces a strategy to selectively fork out an honest proposer's block to maximize MEV.
- [Forum post](#) by [István András Seres](#)
- [Thread](#) by [István András Seres](#)
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Posts & Threads

- [Potuz](#) published a [thread](#) analyzing whether builders exclude blob transactions during periods of high congestion, finding no deviation from expected behavior.
- [Alex Nezlobin](#) published a [post](#) detailing cumulative LP markouts in the ETH/USDC Uniswap-pool on Base, and the potential for JIT liquidity sandwiching.
- [Middleway.eth](#) published a [thread](#) exploring how [Curve Finance](#) uses [Cow Swap](#)'s [Programmatic Order Framework](#) to mitigate MEV and provide efficient execution.
- [IC3](#) published a [thread](#) summarizing the [2025 IC3 Winter Retreat](#) with talks and discussions on voting mechanisms for DAOs, Web2 account encumbrance through TEEs, and more.

Talks & Discussions

- [Additional recordings](#) from [CBER Crafting the Cryptoeconomy Conference](#) hosted by [Columbia University's Center for Digital Finance and Technologies](#) have been uploaded:
- [Optimistic Rollups](#) by [Ed Felten](#) details various sequencer designs and their tradeoffs.
- [MEV Mitigation by a Transaction Ordering Rule](#) by [Robert McLaughlin](#) presents a transaction ordering rule designed to reduce price volatility and prevent sandwich attacks.
- [Price Formation in Memory Pools](#) by [Fayçal Driss](#) explores the impact block times and mempools have on DEX price discovery.
- [Optimistic Rollups](#) by [Ed Felten](#) details various sequencer designs and their tradeoffs.
- [MEV Mitigation by a Transaction Ordering Rule](#) by [Robert McLaughlin](#) presents a transaction ordering rule designed to reduce price volatility and prevent sandwich attacks.
- [Price Formation in Memory Pools](#) by [Fayçal Driss](#) explores the impact block times and mempools have on DEX price discovery.
- [Columbia University Digital Finance Seminar Series](#) hosted by [The Center for Digital Finance and Technologies](#) and [The Briger Family Digital Finance Lab](#):
- [All AMMS are CFMMs](#) by [Roger Lee](#) discuss DEX design and approaches to reduce MEV and LVR.
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- [FOCIL Meeting #2](#) hosted by [Thomas Thiery](#) invited client teams to discuss implementation progress and ongoing work related to [FOCIL](#).
- [Agenda and notes](#) by [Matthew Keil](#)
- [FOCIL Prysm Implementation Notes](#) by [Terence Tsao](#)

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- [Ethereum Sequencing and Preconfirmations Call #16](#) hosted by [Justin Drake](#) highlights recent developments related to based rollups, and invites [Tom Lehman](#) for a presentation on [Facet](#).
- [Spicy Takes](#) with [DevenMat](#), [mrs kzg.eth](#), and [Ed](#) discusses [Arrakis](#)'s [HOT AMM](#), composability, order flow, and more.

Other

- [TEE Bible - Your First Stop for TEE in Crypto](#) by [TEE Intern](#), [Alex GG](#), and [msfew](#) is a collection of papers, articles, and other resources related to the use of TEEs in crypto.
- [Thread](#) by [TEE Intern](#)
- [Thread](#) by [TEE Intern](#)
- [stealth-gas-cli](#) by [mrs kzg.eth](#) is a lightweight privacy tool for anonymizing gas payments through a blind signature scheme, live on Holešky.
- [Thread](#) by [mrs kzg.eth](#)
- [Thread](#) by [mrs kzg.eth](#)
- [Barnabé Monnot](#) published a [thread](#) detailing EF Research's team structure, initiatives, goals, and leadership changes with [Barnabé Monnot](#) and [Alex Stokes](#) stepping into the position of EF Research co-leads.
- [Thread](#) by [Alex Stokes](#)
- [Thread](#) by [Alex Stokes](#)
- [Builders. or Market Makers 2.0? The Rise of Crypto's Hidden Giants](#) by [EigenPhi](#) highlights a collection of their posts from last year analyzing the builder market.

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