

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.

See our [Transparency Reports](#) for deeper dives into updates related to Flashbots.

Papers & Articles

- [Shared Sequencing and Latency Competition as a Noisy Contest](#) by [Akaki Mamageishvili](#) and [Jan Christoph Schlegel](#) introduce a minimal non-trivial model that captures cross-domain arbitrageurs' behavior and compares the performance of shared sequencing to that of separate sequencing.
- [Forum post](#) by [Jan Christoph Schlegel](#)
- [Thread](#) by [Akaki Mamageishvili](#)
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- [Thread](#) by [Akaki Mamageishvili](#)
- [SoK: Decentralized Sequencers for Rollups](#) by [Shashank Motepalli](#), [Luciano Freitas](#), [Benjamin Livshits](#) formulate the ideal properties of decentralized sequencers, dissect their core components and synthesize community insights.
- [Exploring Cryptographic Approaches to Enhance Privacy in Intent Solving](#) by [Yulia Khalniyazova](#) explores how TEE, MPC, FHE and other cryptographic strategies could enhance privacy while solving intents in Anoma.
- [PEPC-Boost V0](#) by [Bharath Vedartham](#) introduces a relay design that holds a separate auction for top-of-block in order to reduce the competitive advantage of integrated searcher-builders.
- [Thread](#) by [Bharath Vedartham](#)
- [Thread](#) by [Bharath Vedartham](#)
- [Commitment-Satisfaction Committees: An In-Protocol Solution to PEPC](#) by [diego](#) Introduces Commitment-Satisfaction Committees

(CSC) that extends PTC's functionality to enforce in-protocol proposer commitments. *[Thread](#) by [diego](#)

- [Thread](#) by [diego](#)
- [Diamond: A Uniswap V4 Hook minimizing LVR](#) by [Arrakis Finance](#) introduces an Uniswap v4 hook designed to mitigate LVR by requiring the builder to commit to a final pool price at the start of a block.
- [Thread](#) by [Arrakis Finance](#)
- [Thread](#) by [Arrakis Finance](#)
- [Titan Tech Teatime #2](#) by [Titan](#) explores how priority queues allow builders to classify and process bundles to better optimize their block building process.
- [Thread](#) by [Titan](#)
- [Thread](#) by [Titan](#)
- [Privacy in Tents: an overview of private solving strategies](#) by [Yulia Khalniyazova](#) provides an overview of private solving and the various approaches that could be used to enhance privacy in the counterparty discovery phase.
- [Based Rollup FAQ](#) by [Lisa A. I bot](#) dives into based rollups and details the implications on MEV, sequencing, fees, decentralization and censorship resistance.
- [Thread](#) by [Taiko](#)
- [Thread](#) by [Taiko](#)
- [Revolutionizing Staking Rewards: The MEV Protocol](#) by [mev.io](#) announce MEV Protocol

with a new slot auction that allows for multiple builders to win a slot. *[Thread](#) by [mev.io](#)

- [Thread](#) by [mev.io](#)
- [A List of Open Problems in Crypto - II](#) by [Emperor](#) presents an outline of some of the open problems related to LVR,

PBS, MEV, censorship resistance and more.

Posts & threads

- [Attempts to Find Flash Loan Arbitrage](#) by [stark](#) explore arbitrage strategies that involve flash loans, options, and collateralized loans to mitigate risks.
- [Davide Crapis](#) published a [thread](#) with takeaways from [Vitaliks post](#) on minimum viable enshrinement (MVE).

Talks & Discussions

- [MEV-Boost Community Call #6](#) hosted by [Alex Stokes](#) discussed Deneb and MEV-Boost implementation updates, relay monetization, the PBS Foundation and more.
- [Forum post](#) by [Alex Stokes](#)
- [Forum post](#) by [Alex Stokes](#)
- [Based sequencing ft. Justin Drake: Part 2](#) hosted by [Taiko](#) invites [Justin Drake](#) to discuss the disadvantages of based sequencing.
- [Part 1](#) by [Taiko](#)
- [Part 1](#) by [Taiko](#)
- [Bell Curve: AMMs vs DEXs: DeFi's First Debate Revisited](#) invites [Doug Colkitt](#) and [Eugene Chen](#) to dive into CLOBs, AMMs and how gas, latency, and hooks are shaping the evolution of DEX designs.
- [MEVDayAsia 2023](#):
- [The Past & Future of MEV](#) by [Blair Marshall](#)
- [MEV Order Flow Evaluation](#) by [Mars Cheng](#)
- [Panel on MEV Protection & Recirculation](#) with [Chang-Wu Chen](#), [Blair Marshall](#), [Tomasz K. Stańczak](#), [Mark Wang](#) and [Eyal Markovich](#)
- [Panel on Searchers & Builders](#) with Tom Zhao, [Wee Howe Ang](#), [Max Resnick](#), [Bowen Wang](#), [Jiawei Zhu](#) and [Yerui Zhang](#)
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- [New Trends Summit](#):
- [Completing the Intent Picture](#) by [Quintus Kilbourn](#)
- [To The Proposer Go The Spoils](#) by [Max Resnick](#)
- [Thread](#) by [Grace Deng](#)
- [Completing the Intent Picture](#) by [Quintus Kilbourn](#)
- [To The Proposer Go The Spoils](#) by [Max Resnick](#)
- [Thread](#) by [Grace Deng](#)
- [SmartCon 2023: PROF: Fair Transaction-Ordering in a Profit-Seeking World](#) by [Ari Juels

](<https://twitter.com/AriJuels>)

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