

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

- [Priority Is All You Need](#) by [Dan Robinson](#) and [Dave White](#) introduces MEV taxes

as a mechanism that applications can use to capture their own MEV. \*[Thread](#) by [Dan Robinson](#)

- [Post](#) by [Dave White](#)
- [Thread](#) by [Dan Robinson](#)
- [Post](#) by [Dave White](#)
- [TEE engineering Part 1: Cloud Attestations - Advantages, Shortcomings, Solutions](#) by [Frieder Erdmann](#) discusses the use of cloud attestations with TEEs and the associated trust models with cloud providers.
- [Post](#) by [Frieder Erdmann](#)
- [Post](#) by [Frieder Erdmann](#)
- [On block-space distribution mechanisms](#) by [Mike Neuder](#), [Pranav Garimidi](#) and [Tim Roughgarden](#) explore different block-space distribution mechanisms and highlight their impact on validator rewards, decentralization, and MEV.
- [Thread](#) by [Mike Neuder](#)
- [Thread](#) by [Mike Neuder](#)
- [The Preconfirmation Sauna](#) by [Conor McMenamin](#) introduces [Switchboard](#) and presents the preconfirmation sauna

as a credibly neutral platform to standardize preconfirmations. \*[Thread](#) by [Conor McMenamin](#)

- [Thread](#) by [Conor McMenamin](#)
- [The contention between precons and ePBS](#) by [Potuz](#) outlines the compatibility of ePBS with proposed mechanisms for preconfirmations.
- [Un-confirming “Pre-confirmations”](#) by [Elijah](#) explores the shortcomings of preconfirmations as a solution for Ethereum’s latency problems.
- [Based Sequencer Selection](#) by [Simon Brown](#) suggests a deterministic sequencer selection function on L1 that can be used by rollups to facilitate universal synchronous composability between L2s.
- [Censorship Resistance Through Game Theory](#) by [Antony Denyer](#) argues that relays should divulge more metadata about the block so that validators can make more informed decisions that align with their preferences.
- [Taxonomy of transaction sequencing mechanisms 2.0](#) by [Dias](#) provides an overview of sequencing mechanisms and their effect on transaction execution fairness.
- [Thread](#) by [Dias](#)
- [Thread](#) by [Dias](#)
- [Is it worth using MEV-Boost?](#) by [Toni Wahrstätter](#) quantifies the increased revenue proposers receive by outsourcing their block production via MEV-Boost compared to local block building.
- [Post](#) by [Toni Wahrstätter](#)
- [Post](#) by [Toni Wahrstätter](#)

## Posts & Threads

- [Terence Tsao](#) published a [post](#) asking builders and searchers for feedback on ePBS design related to the time required to build blocks.
- [Reply](#) by [Robert Miller](#)

- [Reply](#) by [Kubi Mensah](#)
- [Reply](#) by [Robert Miller](#)
- [Reply](#) by [Kubi Mensah](#)
- [Alex Nezlobin](#) published a [thread](#) that outlines the impact of delaying a block by 100ms, and why this time period will have more MEV than the average 100ms.
- [Anders Elowsson](#) published a [thread](#) that argues for reducing issuance to reduce unnecessary costs and mitigate centralization risks associated with large LSTs.
- [OneBalance](#) published a [thread](#) announcing the Fellowship of the OneBalance

and the Credible Chain Abstraction Stack

with the mission to bring credible accounts to Web3 and abstract away fragmentation.

## Talks & Discussions

- [Ethereum Sequencing and Preconfirmations Call #10](#) invites [Drew Van der Werff](#) and [Kubi Mensah](#) to present commitment

as a validator platform for preconfirmations and other proposer commitments. \*[Thread](#) by [Drew Van der Werff](#)

- [Thread](#) by [Drew Van der Werff](#)
- [Scraping Bits: Michael Moser: ChorusOne, Solana MEV Validator, Ethereum PBS Timing Games, Orderbook MEV](#) invites [Michael Moser](#) for a discussion on PBS, timing games, MEV mitigation, and [ChorusOne](#)'s latest research.
- [Post](#) by [Michael Moser](#)
- [Post](#) by [Michael Moser](#)

## Other

- [Block Proposing and Validating Timelines for MEV-Boost, ePBS, and ePBS with MEV-Boost](#) by [Terence Tsao](#) summarizes the timeline differences between ePBS and MEV-Boost using inequalities.
- [Rollup.wtf](#) by [Conduit](#) provides real-time performance metrics of TPS, MGas/s, and KB/s for rollups.
- [Thread](#) by [emiliano](#)
- [Thread](#) by [emiliano](#)
- [Bolt V0.1.0-alpha](#) by [Chainbound](#), designed to allow Ethereum proposers to offer credible commitments about their block contents, is now open source.
- [Thread](#) by [Chainbound](#)
- [Thread](#) by [Chainbound](#)
- [Kurtosis](#), a platform for packaging and launching ephemeral backend stacks, is now open source.
- [Thread](#) by [Kurtosis](#)
- [Thread](#) by [Kurtosis](#)

## Upcoming events

- June 8-22

: [ZuBerlin](#) by [ZuBerlin](#)

- June 11

: [Flashwares iv: TEEception](#) by [Mateusz Morusiewicz](#)

- July 8-11

: [EthCC](#) by [Ethereum France](#)

- July 8

: [Searcher.wtf](#) by [aori](#), [Flood](#), [Chainbound](#), [PropellerHeads](#), [bloXroute Labs](#) and [Barter](#) \* [Post](#) by [aori](#)

- [Post](#) by [Taker](#)
- [Post](#) by [aori](#)
- [Post](#) by [Taker](#)

- July 10

: [FHE Summit](#) by [FHE Onchain](#)

- July 11

: [Unaligned Day](#) by [FastLane Labs](#) \* [Thread](#) by [Alex Watts](#)

- [Thread](#) by [Alex Watts](#)
- [Thread](#) by [Alex Watts](#)
- [Thread](#) by [Alex Watts](#)

- July 11-13

: [Modular Summit 3.0](#) by [Celestia Labs](#) and [Maven11](#)

- Aug 6

: [The MEV Workshop at the Science of Blockchain Conference 2024 \(MEV SBC '24\)](#) by [Flashbots](#)

- Aug 7 - 9

: [The Science of Blockchain Conference 2024 \(SBC'24\)](#) by [IC3](#), [Stanford Center for Blockchain Research](#) and [UC Berkeley RDI](#).

- Aug 16-17

: [Frontiers](#) by [Paradigm](#) \* [Thread](#) by [Georgios Konstantopoulos]

](<https://x.com/gakonst>)

- [Thread](#) by [Georgios Konstantopoulos]

](<https://x.com/gakonst>)

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