

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

- [Ending LP's Losing Game: Exploring the Loss-Versus-Rebalancing \(LVR\) Problem and its Solutions](#) by [Keyu](#) dives into the negative impact of LVR for LPs and gives an overview of potential solutions to the problem.
- [Eliminate the cost of on-chain trading](#) by [PropellerHeads](#) describes how intents, solvers and P2P trading can settle trades closer to market price and reduce fees compared to traditional DEXes.
- [Thread](#) by [PropellerHeads](#)
- [Thread](#) by [PropellerHeads](#)
- [Will MEV mitigation destroy on-chain liquidity?](#) by [Chris Powers](#) explore how mechanisms such as OFAs and intents are incorporated into applications to mitigate MEV.
- [Part 1](#) by [Chris Powers](#)
- [Part 1](#) by [Chris Powers](#)
- [The Pursuit of Relay Incentivization](#) by [Ballsyalchemist](#) highlights the need for a sustainable relay incentive model following Blocknative's decision to sunset their relay and builder operations.
- [Thread](#) by [Ballsyalchemist](#)
- [Thread](#) by [Ballsyalchemist](#)
- [Dominance, Speed, and Million\\$ Moments: The Vyper Exploit's Liquidity Scramble in the MEV Battlefield](#) by [EigenPhi](#) explores how MEV bots behave during chaotic events like the Vyper exploit on July 30th.
- [Thread](#) by [EigenPhi](#)
- [Thread](#) by [EigenPhi](#)

Posts & threads

- [Chris Hager](#) published a [post](#) to announce that Ethereum mempool transactions are now available on [Dune](#) via [Mempool Dumpster](#).
- [Bharath Vedartham](#) published a [thread](#) that examine blocks proposed by the [PEPC-Boost](#) relay on Goerli which sells the top-of-block and rest-of-block separately to searchers and builders.
- [Toni Wahrstätter](#) published a series of posts with visualizations of private order flow:
 - [Private order flow sankey](#)
 - [Private order flow over time](#)
 - [Private order flow to builders](#)
 - [Private order flow by transaction type and user/searcher](#)
 - [Private order flow sankey](#)
 - [Private order flow over time](#)
 - [Private order flow to builders](#)
 - [Private order flow by transaction type and user/searcher](#)
- [A list of Order Flow Auction \(OFA\) Protocols](#) by [Arthur Bagourd](#) aims to categorize the current landscape of OFAs.
- [Samczsun](#) published a [thread](#) that introduces SEAL Drills

for practicing detection, diagnosis, and swift response to onchain exploits. *[Thread](#) by [Isaac Patka](#)

- [Thread](#) by [Isaac Patka](#)
- [Ethereum Cat Herders](#) published a [thread](#) detailing an implementing forward inclusion list with gas limits based on the [specification](#) by [Terence Tsao](#).

Talks & Discussions

- [Scraping Bits: The MEV Monopoly: Flashbots' Block Builder Future + Account Abstraction](#) invites [Brock Smedley](#) to discuss MEV, account abstraction, order flow and more.
- [Decoding MEV: Past, Present, Future](#) by [Finematics](#) provides an overview of MEV, PBS and the impact it has on network decentralization and user experience.
- [Article](#) by [finematics](#)
- [Article](#) by [finematics](#)
- [Node Operator Community Call #11](#) invites [Titan Builder](#) to present information on their new modular MEV-Boost relay written in Rust.

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