

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

- [Shill-Proof Auctions](#) by [Andrew Komo](#), [Scott Kominers](#) and [Tim Roughgarden](#) investigates how certain auction formats deter sellers from placing fake bids to inflate prices, and identifies the Dutch auction as the only format that effectively prevents such manipulation.
- [Thread](#) by [Tim Roughgarden](#)
- [Thread](#) by [Shengwu Li](#)
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- [Block-auction ePBS versus Execution Ticket](#) by [Terence Tsao](#) compares ePBS and ET by outlining their similarities and differences.
- [Analysis on "Correlated Attestation Penalties"](#) by [Toni Wahrstätter](#) analyzes correlated attestation penalties and their impact on today's staking landscape.
- [Towards an implementation of based preconfirmations leveraging restaking](#) by [cairo](#) presents an exploratory implementation of a based preconfirmations protocol, inspired by the [proposal](#) by [Justin Drake](#).
- [Blob publishing post mortem](#) by [Benjamin Hunter](#) details the collaboration between bloXroute and the Lighthouse team to address the recent bug that caused Lighthouse nodes connected to bloXroute's BDN service to miss multiple slots.
- [Geth Out-of-Order EIP Application Denial-of-Service](#) by [iosiro](#) details a vulnerability identified by [Jason Matthyser](#) in [geth](#) and [suave-geth](#), and the mitigation steps taken.
- [Beyond the Stars: An Introduction to Execution Tickets on Ethereum](#) by [ephema](#) provides an introduction to execution tickets.
- [Thread](#) by [ephema](#)
- [Thread](#) by [ephema](#)

Posts & Threads

- [Xinyuan Sun](#) published a [thread](#) to announce the [Agentic Markets workshop](#) at the [ICML Conference](#) on July 26-27th in Vienna, Austria.
- [Request for SUAPP: Coprocessor for Base](#) by [Xinyuan Sun](#) outlines how SUAVE can be used as a private shared state coprocessor for rollups like Base.
- [Kubi Mensah](#) published a [thread](#) that reiterates [Titan](#)'s commitment for their relay to be open and accessible to all builders, and not vertically integrated.
- [Stat Arb](#) published a [thread](#) sharing their journey from executing arbitrage strategies to becoming a market maker.
- [Eric Forgy](#) published a [thread](#) that details a way to mitigate impermanent loss through rebalancing pools with the use of post-trade prices.

Talks & Discussions

- [BUIDL Asia 2024](#) hosted by [KryptoPlanet](#):
- [Panel: The Business of Staking](#) with [Xinyuan Sun](#), [Brian Crain](#), [Zaki Manian](#), and moderated by [Amanda Cassatt](#) discusses MEV and the latest developments in the staking landscape.
- [Panel: The World of Chain Abstraction](#) with [Vitalik Buterin](#), [Illia Polosukhin](#), [Dean Tribble](#), [Adrian Brink](#), and moderated by [Zaki Manian](#) explores chain abstraction, multi-domain apps, and intent-based architectures.
- [The Future of Account Abstraction](#) by [Vitalik Buterin](#) presents the history of account abstraction, key challenges, and

future directions.

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- [The Future of Account Abstraction](#) by [Vitalik Buterin](#) presents the history of account abstraction, key challenges, and future directions.
- [Indexed Podcast: Blobscription and Base's meme szn, \\$DEGEN & L3 \(and Easter egg!\)](#) with [Boxer](#), [Danning Sui](#) and [hildobby](#) discuss recent onchain data, blobscriptions, meme coins, and more.
- [Infinite Jungle](#) by [Christine Kim](#):
- [Blocks Go Missing On Ethereum, Who's to Blame?](#) summarizes [ACDE #184](#), and invites [Verity Coltman](#) to talk about shared sequencing, cross-chain UX, and [Espresso](#).
- [Lighthouse Bloxroute Make Amends, Electra Devnet Incoming](#) summarizes [ACDC #131](#), the recent bug in the bloXroute BDN service, and Electra EIPs.
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- [Lighthouse Bloxroute Make Amends, Electra Devnet Incoming](#) summarizes [ACDC #131](#), the recent bug in the bloXroute BDN service, and Electra EIPs.
- [Ethereum Sequencing and Preconfirmations Call #5](#) hosted by [Justin Drake](#) invites [Cooper](#) for a presentation on the potential transition of [Aztec](#) to a based rollup and the implications on performance, sovereignty, and governance.
- [Ethereum Validator & Node Operator Summit](#) hosted by [EthStaker](#), [Staking Rewards](#), and [bloXroute Labs](#):
- [12 Seconds: Who Gets What, When, and How in a Slot](#) by [Eyal Markovich](#) provides details of the MEV supply chain, timing games, and bloXroute's BDN network.
- [Decentralize or Bust: Ethereum's Battle Against Censorship](#) with [Mike Neuder](#), [Max Resnick](#), [Alex Stokes](#) and [ballsyalchemist](#) discuss the staking landscape, censorship resistance, and more.
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Other

- [Based Preconfs FAQ](#) by [Rohan Shrothrium](#) and [Samuel Laferriere](#) provides information on based rollups and based preconfirmations.
- [Thread](#) by [Rohan Shrothrium](#)
- [Thread](#) by [Rohan Shrothrium](#)

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