

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

- [Cooperative AI via Decentralized Commitment Devices](#) by [Xinyuan Sun](#), [Davide Cripis](#), [Matt Stephenson](#), [Barnabé Monnot](#), [Thomas Thiery](#) and [Jonathan Passerat-Palmbach](#) explores the limitations and potential security issues in cooperative AI using examples from MEV literature.
- [Ratel: MPC-extensions for Smart Contracts](#) by [Yunqi Li](#), [Kyle Soska](#), [Zhen Huang](#), [Sylvain Bellemare](#), [Mikera Quintyne-Collins](#), [Lun Wang](#), [Xiaoyuan Liu](#), [Dawn Song](#) and [Andrew Miller](#) introduce Ratel

, a framework for bridging MPC and Solidity to enable privacy-preserving dapps.

- [Dirac AMM](#) by [Vasily Tolstikov](#) and [Kyle Koshiyama](#) showcases a way to mitigate MEV on a Concentrated Circular Market Maker (CCMM) by obfuscating transactions and allowing the price to go negative.
- Forum: [Negative Price AMM](#) by [Vasily Tolstikov](#)
- Forum: [Negative Price AMM](#) by [Vasily Tolstikov](#)
- [The cost of artificial latency in the PBS context](#) by [Umberto Natale](#) examines how proposers can earn higher rewards through timing games in the MEV-Boost auction.
- [When To Sell Your Blocks](#) by [Quintus Kilbourn](#) and [Conor McMenamin](#) evaluates the differences between slot auctions and just-in-time auctions like MEV-Boost, intended to serve as a starting point for other chains thinking through this decision.
- [Thread](#) by [Quintus Kilbourn](#)
- [Thread](#) by [Quintus Kilbourn](#)
- [M.O.S.S. - A SUAVE Block Building Proposal](#) by [Quintus Kilbourn](#) introduces a contract pattern for SUAVE block construction aimed to open up innovation and participation from originators and processors of order flow without sacrificing execution guarantees.
- [The Problems Solved By SUAVE](#) by [Quintus Kilbourn](#) shares an overview of use cases SUAVE enables by increasing the trust between counterparties via stronger commitments and privacy through TEEs.
- [Introduction to SUAVE & MEVM](#) by [Tomo](#) provides an overview of SUAVE and the MEVM with code examples of SUAPPs.
- [Block Builder Profitability - Research](#) by [OreoMev](#) analyzes the profitability and market share of block builders in November.
- [Thread](#) by [OreoMev](#)
- [Thread](#) by [OreoMev](#)
- [Tipping the Iceberg of CEX-DEX MEV](#) by [Spicypunk](#) discusses the complexities of measuring CEX-DEX arbitrage and shares finding from a 2-week case study between Osmosis and Binance.

## Posts & Threads

- [Private libraries in SUAVE](#) by [Ferran Borreguero](#) describes how SUAPPs can use private libraries through confidential compute requests and the create

opcode. \* Github: [Example Suapp with a Private library](#)

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- [P2P](#) published a [thread](#) to share their position on timing games following the [discussion](#) related to their previous [announcement](#).
- [P2P](#) published a [thread](#) with information on how their users can disable the added request delay to relays.
- [Alex Watts](#) published a [thread](#) on the effects block times have on CEX/DEX arbitrage.

- [Response](#) by [Ciamac Moallemi](#)
- [Response](#) by [Ciamac Moallemi](#)
- [Jiawei](#) published a [thread](#) that analyzes the current state of competition in the orderflow space.
- [rain&coffee](#) published a [thread](#) that summarizes the research landscape for intents.

## Talks & Discussions

- [MEV Boost Community Call #7](#) hosted by [Alex Stokes](#) discussed Deneb, PBS Foundation, and the effects of timing games.
- [Forum post](#) by [Alex Stokes](#)
- [Forum post](#) by [Alex Stokes](#)
- [Incentives, Value Redistribution, & Observability in MEV Supply Chain](#) hosted by [EigenPhi](#) invites [Benjamin Hunter](#), [Blair Marshall](#), [Danning Sui](#), [Julian Villella](#), and [Sophie Liu](#) to discuss the MEV supply chain, MEV burn, PEPC, builder-searcher integration, and more.

## Other

- [SUIFT](#) by [Matt Stephenson](#), [Xinyuan Sun](#), and [Lauren Stephanian](#) is a concept SUAPP that provides a fairer ticketing auction to mitigate the negative externalities of ticketing bots and resale markets.
- [Thread](#) by [Matt Stephenson](#)
- [Thread](#) by [Xinyuan Sun](#)
- [Thread](#) by [Lauren Stephanian](#)
- [Thread](#) by [Pantera Capital](#)
- [Thread](#) by [Matt Stephenson](#)
- [Thread](#) by [Xinyuan Sun](#)
- [Thread](#) by [Lauren Stephanian](#)
- [Thread](#) by [Pantera Capital](#)
- [mev-boost-relay v0.28](#) has been released with support for the [Holešky](#) testnet.
- [SUAVE-viem](#) is a TypeScript extension for [viem](#) for interacting with SUAVE.
- [ethers-suave](#) by [Miha Lotric](#) is a Typescript library, built on top of [ethers.js](#), for interacting with SUAVE.
- [DotPics Data API](#) by [Toni Wahrstätter](#) provides access to the data powering the various .pics

dashboards such as [mevboost.pics](#). \* [Post](#) by [Toni Wahrstätter](#)

- [Thread](#) by [storm](#)
- [Post](#) by [Toni Wahrstätter](#)
- [Thread](#) by [storm](#)

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