

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

- [FRP-40: SUAWE's Potential in DeFi: A focus on decentralized exchanges \(DEX\) and auction mechanisms](#) by [Can Kisagun](#) explores how SUAWE can address some of the inefficiencies in DeFi through programmable privacy and credible off-chain computation.
- [Flashbots SUAWE: Develop Your First Suapp Today!](#) by [Miha Lotric](#) provides an overview of SUAWE Rigil and walks through the development process of building a SUAPP.
- [The Case for ILECTRA](#) by [Mike Neuder](#) argues for the candidacy of [EIP-7547](#) in the upcoming Electra hard fork as a way to improve censorship resistance.
- [Extend Inclusion List \(EIP-7547\) for Blob Tx](#) by [Terence Tsao](#) outlines high-level changes to accommodate blobs in the current [EIP-7547](#) design.
- [The Silhouette of Resilience](#) by [Data Always](#) analyzes the impact of the min-bid

parameter in MEV-Boost as a mechanism to improve censorship resistance.

Posts & Threads

- [ETHGlobal London:](#)
- [Suatheby's Cross-chain auction house](#) by [Harry Liu](#) describes [Suatheby's](#); a cross-chain auction house built on SUAWE.
- [MPC Keyshare](#) by [Kai Jun Eer](#) presents [Suave MPC](#) as a way to coordinate threshold secret sharing on SUAWE.
- [Thread](#) by [Kai Jun Eer](#)
- [Thread](#) by [Kai Jun Eer](#)
- [BlobPreconf Auction](#) by [Murat Akdeniz](#), [x3y.in](#), [Kartik Chopra](#), [Christian Matt](#) and [Bernardo Magri](#) is a sealed bid auction on SUAWE for blob preconfirming relay leader selection.
- [Thread](#) by [Murat Akdeniz](#)
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- [Thread](#) by [Murat Akdeniz](#)
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- [Robert Miller](#) published a [series of topics](#) that outlines use cases and applications that can be built on SUAWE:
- [Request for SUAPP: SUAWE On-Chain Searcher Bot](#)
- [Request for SUAPP: Inscription DEX](#)
- [Request for SUAPP: Call ChatGPT and mint an NFT with the response](#)
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- [Privacy Focussed DEXs and Building it on Aztec!](#) by [Rahul Kothari](#) explores how a privacy-focused DEX can be implemented on a network like Aztec.
- [Thread](#) by [Rahul Kothari](#)
- [Thread](#) by [Rahul Kothari](#)
- [Private Batch Swaps using Aztec and SUAVE](#) by [Rahul Kothari](#) outlines a specification for how private batch swaps can be built using SUAVE and Aztec.
- [Thread](#) by [Rahul Kothari](#)
- [Thread](#) by [Rahul Kothari](#)
- [Information Protocol: Deriving a SUAPP from first principles \(beginning with ideal PFOF requirements\) - from the Next Gen DEX Workshop](#) by [apriori](#) describes a reputation-based PFOF design that distinguishes between toxic, and non-toxic order flow.
- [Andrew Miller](#) published a [post](#) to highlight their ability to supervise a PhD student this summer on research related to SGX and SUAVE.
- [Robert Miller](#) published a [thread](#) that explores the impact of blobs on block building and the trade-offs builders have to face from the added latency.
- [Eden Network](#) published a [thread](#) to highlight the recent blog posts they've published related to SUAVE, TEEs, and building SUAPPs.
- [Alex](#) published a [post](#) with context on the bid adjustment experiments conducted by the [ultra sound relay](#) in the last couple of weeks.
- [missedslots-20240313-14](#) by [Benjamin Hunter](#) details the cause and resolution of the bug in [Relay gRPC](#) by [bloXroute](#) that resulted in [16 missed slots](#) on March 13-14th.

Talks & Discussions

- [Recordings](#) from [Beyond the Block: MEV Along the Txn Supply Chain](#) hosted by [Titan Builder](#) and [HashKey Capital](#) have been uploaded:
- [From Solver Market to the Builders' Subsidy War](#) by [Angela Lu](#) and [Danning Sui](#)
- [Panel: State of Privacy in the Txn Supply Chain](#) with [Liam McDonald](#), [Guy Zyskind](#), [Ravital Solomon](#), and [Bowen You](#)
- [Structural Analysis of MEV Boost Auctions](#) by [Max Resnick](#)
- [Towards Competitive Preconfirmation Markets](#) by [Karthik Srinivasan](#)
- [Execution Tickets](#) by [Mike Neuder](#)
- [Onchain Solving](#) by [Alex Watts](#)
- [Panel: The Rise of the Sophisticated Proposer](#) with [Drew Van der Werff](#), [Viktor Bunin](#), [Steven Flanagan](#), [Michael Moser](#), and [Ernest Oppetit](#)
- [Based EigenLayer](#) by [Kydo](#)
- [L1 Preconfirmations](#) by [Murat Akdeniz](#)
- [How Super Builders Unlock Shared Sequencer's Superpowers](#) by [Josh Bowen](#)
- [Thread](#) by [Arnav](#)
- [From Solver Market to the Builders' Subsidy War](#) by [Angela Lu](#) and [Danning Sui](#)
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- [How Super Builders Unlock Shared Sequencer's Superpowers](#) by [Josh Bowen](#)
- [Thread](#) by [Arnav](#)
- [Recordings](#) have been uploaded from [Beyond The Base Layer](#), an event hosted by [Espresso Systems](#), [Electric Capital](#) and [Blockworks](#) with talks and panels on sequencing, L2 infrastructure and application design.
- [Uncommon Core 2.0: Ethereum's Staking Endgame](#) invites [Ansgar Dietrichs](#) and [Caspar Schwarz-Schilling](#) to discuss their latest research on adjusting Ethereum's issuance.
- [Endgame Staking Economics: A Case for Targeting](#) by [Ansgar Dietrichs](#) and [Caspar Schwarz-Schilling](#)
- [Electra: Issuance Curve Adjustment Proposal](#) by [Ansgar Dietrichs](#) and [Caspar Schwarz-Schilling](#)
- [Endgame Staking Economics: A Case for Targeting](#) by [Ansgar Dietrichs](#) and [Caspar Schwarz-Schilling](#)
- [Electra: Issuance Curve Adjustment Proposal](#) by [Ansgar Dietrichs](#) and [Caspar Schwarz-Schilling](#)
- [Inclusion List Breakout Room #2](#) hosted by [Mike Neuder](#) brought together researchers and client teams to discuss implementation details of [EIP-7547](#) and its potential inclusion in Electra.
- [Agenda](#) by [Mike Neuder](#)
- [Notes](#) by [Terence Tsao](#)
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- [Strange Water Podcast: Block Building and the MEV Supply Chain](#) invites [Kubi Mensah](#) to delve into the past, present, and future of block building and the MEV supply chain.
- [The Gwart Show: The How And Why of AMMs](#) invites [Alex Nezlabin](#) to explore the landscape of AMMs, PFOF, MEV, LVR and more.
- [LVR Explainer](#) by [Tim Roughgarden](#) provides an introduction to the concept of LVR.

Other

- [CHANGELOG #3 - SUAVE Development Updates \(March 25, 2024\)](#) by [Chris Hager](#) highlights the winners of [Flashbots prizes](#) in the ETHGlobal London hackathon, as well as recent updates to [suave-geth](#), [suave-std](#), [documentation](#) and more.
- [Set defaultRelayMinBidEth to 0.05 ETH](#) by [Tim Beiko](#) proposes a change of the default min-bid

value in MEV-Boost to 0.05 ETH as a way to increase censorship resistance.

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