Coordination Layer for the Decentralized Future
The Future is Autonomous

Most economic activity will be done by machines, not humans

Autonomous agents will represent humans and their preferences

Most distributed computing networks are not built to coordinate multi-agent systems
Agents Need Coordination

Coordinated systems yield greater outputs than non-coordinated systems.

Centralized coordination comes with massive downsides.

Example: Web 1 -> Web 2 saw abuse of user privacy, abuse of power, lack of transparency, manipulation of public opinion (e.g. Cambridge Analytica, SCL Group).
CoopHive is the Coordination Layer

CoopHive is building data structures to coordinate decentralized intelligence
So Far, So Good

- Two-sided marketplace for compute
- Collateral + payments mediated by smart contracts
- Lightweight architecture $\rightarrow$ many use cases
  - e.g. public goods computing, geospatial data processing for carbon credits, low-latency AI workloads, etc.
What We Are Doing

- Demos with current codebase
  - Onboarding scientific workloads
  - Autonomous agents for pricing and scheduling
- Incentivizing creation of decentralized RAG database for LLMs
- Tokenization of latent computing power
- Next-generation DCN
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<th>Who Is This Good For?</th>
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<td>Machine-actionable generic marketplaces</td>
<td>Autonomous agents that execute arbitrary compute and exchange real-world assets</td>
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<td>Decentralized human-AI knowledge synthesis</td>
<td>Scientists that write and read verifiable computational histories with provenance, automated science</td>
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<td>Pluggable mechanism design for multi-agent systems</td>
<td>Mechanism designers that implement custom reward logic for multi-agent systems</td>
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Progress to Date

- Incubation + pre-seed funding from Protocol Labs
- Early DCN for Filecoin
- Focusing on DeSci space
- Several projects in development*
- Several partnerships in development*

*details in private
Team And Advisors

Levi Rybalov – Founder
7 years in scientific distributed computing
Specialist in game theory for distributed computing
Ex-Protocol Labs

Luke Marsden – CTO
Tech Lead Bacalhau @ Protocol Labs
University of Oxford Compsci
Early Docker API

3 Software Engineers
3 Interns
Senior advisory board in distributed computing, decentralized science, and AI
Seeking

- Aligned Investors
- Knowledgeable Advisors
- Ecosystem Partners