

GMM project – Interview report

We provide the detail of the 45 interviews carried out throughout the GMM project in the next table.

Name	Date	Title	Expertise	Topic
Antonio Niccolo (Web)	2024-10-01	Professor of Economics at the University of Padua and affiliated at the School of Social Sciences of the University of Manchester ^o	Mechanism design.	We discussed the potential application of our design to organ exchange in Europe (eg kidneys). We plan to discuss again once our design is finalised.
Efthymios Smyrniotis (Web)	2024-10-17	Visiting Professor of Economics	Data analysis	We presented GMM and discussed possible ways to use real data and simulations to evaluate the performance of GMM.
Manuel Müller Frank (Web)	2024-10-22	Professor of Economics at IESE Business School	Oracle design in Blockchains	We discussed the motivation of our GMM and prof. Müller Frank told us about his experience with IP protection of an algorithm for Blockchain.
Ludmila Matyskova (Web)	2024-10-22	Senior Researcher, Universitat d'Alacant	Economic Theory	We talked about the added value of applying the approach of mechanism design to the design of GMM.
Samuel Haefner (Web)	2024-11-06	Assistant professor at University of St.Gallen	Economic theory and professional experience in blockchain	Added value of economic theory to the design of GMM and how to contact companies interested in blockchain developments. He can provide us some of these contacts. He suggested that one of the editors of management science, Joshua Grants, may be interested in this kind of research and to check https://polkadot.com/ for a blockchain project in which our design could be useful.
Christoph Kuzmics (Web)	2024-12-03	Professor at Universität Graz	Economic Theory	We discussed the interest of the topic of AMM design in the area of economic theory.

Daniel Gottlieb (Web)	2024- 12-10	Professor of Managerial Economics and Strategy	Theory of contracts	Prof. Gottlieb suggested the most recent advances in the theory of contracts, in particular he referred to the work of Jacob Leshno (https://www.chicagobooth.edu/faculty/directory/l/jacob-leshno), Eric Budish (https://ericbudish.org) and Aleh Tsyvinski (https://economics.yale.edu/people/aleh-tsyvinski)
Stefano Angieri (Web)	2024- 12-11	Researcher at Certik	Blockchain implementation, security and interconnection	We discussed the possibility of extending the liquidity pools to several blockchains and how IBC can be used for that
Marina Valls (Web)	2024- 12-17	IPR consultant	MWC	We talked about how to protect the GMM algorithm and what ways are more compatible with the possible monetization approaches available
Michael Troege (Web)	2024- 12-13	Professor of Finance at ESCP	Finance	We talked about the added value of GMM to the financial ecosystem in particular defi.
Michele Bisceglia (Web)	2025- 01-13	Researcher and consultant at Toulouse School of Economics	Competition policy	Suggested to talk to algorand (https://algorandtechnologies.com/), a company specializing in Blockchain who have a similar approach to us, using economic theory to improve blockchain designs
Martin Larzabal (Web)	2025- 01-05	CEO of Cryptotrust	Crypto, finances and crowdfunding	We explored the possibilities of obtaining funding for the next steps of the project and in particular we looked into how to deploy a crowdfunding campaign (e.g. using https://www.crowder.fund/)
Caronlina Grunberg (Web)	2025- 01-05	CFO of Cryptotrust	Crypto, operations	We talked about how to setup a crypto based start up, based on her experience on Cryptotrust.
Antonio Niccolo (Web)	2024- 10-01	Professor of Economics at the University of Padua and affiliated at the School of Social Sciences of the University of Manchester ^o	Mechanism design.	Second time we contact prof. Nicolo. The purpose of this second conversation is to try to get him involved to the development of our methodology to organ exchange. Regretfully, he cannot commit at the moment.

Anonymous expert at Cryptecon	2025-02-07	Expert fellow	Expert working in cryptecon	Networking: We were introduced to this expert and have contacted for advise. We plan to talk again when we have a document to circulate.
Antonio Fernandez Anta (Web)	2025-02-19	Research Professor at IMDEA	Distributed systems and blockchains	We looked at the implications of using set based blockchains in the arbitraje and mev extraction opportunities.
Spyros Galanis (Web)	2025-02-20	Profesor of Economics	Predictions markets and the economic analysis of crypto assets	He chairs the session of the SAET conference where our paper was accepted and provided feedback.
Luis de la Cruz Piris (Web)	2025-02-21	Assitant Professor in UAH	Graph theory and security	Data analysys. Implications of observing the set of transactions as a graph rather than as a list. We are looking into a richer set of relationships between transactions beyond the ordered list.
Andres Marin Lopez (Web)	2025-02-21	Professor in Telematics at UPM	Cibersecurity	Implications of post quantum crypto in the blockchain operations and the design of smart contracts. We are looking into how to prepare the implementation to post quantum techniques.
Spyros Skouras (Web)	2025-02-24	Professor of Finance at Durham University	International finance	He explained us which measures to use to asses improvements in the performance of an AMM.
Carlos Escudero (Web)	2025-02-26	Professor in Mathematics at UNED	Properties of AMM	He described to us the problem of how to study mathematically the problem of optimally routing trade orders in a set of AMMs that we plan to use to refine our rebalancing algorithm.
Pablo Ojanguren Menéndez (Web)	2025-02-27	CTO dextools.io	Blockchain data provider	We contacted dextools.io to help us getting the necessary data for evaluating our design
Carlos Garcia (Web)	2025-02-27	CEO Kumori	Blockchain data provider	We contacted kumori to help us getting the necessary data for evaluating our design
Juan Toro (Web)	2025-02-27	CEO Arfima	Blockchain data provider	We contacted arfima to help us getting the necessary data for evaluating our design

Luis Puch (Web)	2025-02-27	Profesor of Economics at UCM	Editor Blog Nadaesgratis.es	Feedback on our blogpost in Nadaesgratis.es
Elisa Carbonell (Web)	2025-03-04	Managing Director ICEX	Representative of ICEX in MWC 2025	Contacted to understand how ICEX can support Spanish projects to contact business partners abroad.
Jose María Blasco (Web)	2025-03-04	ICEX. Executive Director of Growth and Competitiveness	Representative of ICEX in MWC 2025	Sent summary of our project to assess whether it qualifies for the ICEX support.
Yahia Gutierrez (Web)	2025-03-04	Partners Manager and BD	Blockchain	Discussed VC strategies for companies with a blockchain product
Giles Radford (Web)	2025-03-05	CIO Wompom	Entrepreneur in logistics	Looking for ideas to improve logistic management.
Andra Lutu (Web)	2025-03-07	Senior Researcher, Telefonica	Mobile services, roaming	Exploring the possibility os using GMM to exchange tokens associatedd to MNOs, associated to roaming in visited networks
Oriol Sagullo (Web)	2025-03-14	Researcher at IMDEA networks	DeFI	Suggested we looked into SUAVE that is pursuing a similar goal
Matthew Mitchell (Web)	2025-03-18	Profesor of Economics at U. Toronto	Mechanism Design	Suggested to contact with coauthor Mallesh Pai, director of research of Consensys. Mallesh is a former academic that has worked in blockchain economics.
Roberto Serrano (Web)	2025-03-19	Profesor of Economics at Brown U.	Mechanism Design	Suggested to investigate the connection between arbitrage free prices and the competitive equilibrium (his paper https://drive.google.com/file/d/1jqG0qpLPm4e8jFOPx1jiExWid2MPBKv0/view proved this connection). His suggestion if correct means that regulators could find our design appealing as allows for the implementation of competitive prices.
Cesar Sanchez (Web)	2025-03-25	Research Professor at IMDEA Software	Formal methods	Suggested to quantify the difference of proces for traders between the GMM and the CPMM

Margarita Capretto (Web)	2025-03-25	Researcher at IMDEA Software	Optimistic rollups	Suggested to consider the possibility of designing a DEX specific L2, where all DEXes use GMM and so by design all AMMs are pooled.
María Alcaraz (Web)	2025-03-25	General Manager at IMDEA Software	Funding	We talked about possible funding venues for next steps for the GMM, including several EIT calls.
Franz Ostrizek (Web)	2025-04-08	Assistant professor at Sciences Po	Mechanism design	We discussed the implications of our mechanism for the development of a new approach to the design of smart contracts
Emir Kamenica (Web)	2025-04-29	Professor of economics at University of Chicago	Information design	We discussed about the economic problem that AMM solve and to what extend our design solves it. He suggested that the main problem is the fragmentation of the AMM market in the blockchain and that we should study why fragmentation occurs.
Jesper Rudiger (Web)	2025-04-29	Associate professor of finance	Empirical analysis of auction markets	He explained us the different empirical strategies we can follow to improve our data gathering.
Juan Beccuti (Web)	2025-04-29	Consultant free lance on cryptoeconomics	Economics of blockchain	We asked him for advise on possible outlets to publicise our desing using a discussion paper. He suggested https://ethresear.ch/ and https://www.cber-forum.org/
Yannai A. Gonczarowski (Web)	2025-05-07	Associate professor of Economics and Computer Science at Harvard	Expert in the intersection of economics and computer science	We contacted him for advise on outlets to publisie our non technical summary and paper and suggested positing in https://sigecom.org/list.html
Daniel Monte (Web)	2025-05-06	Researcher at the Department of Economics, Social Studies, Applied Mathematics and Statistics of University of Torino	Expert in Microeconomics and Market Design	We discussed how to involve other microeconomist on further developments of our design.

James Best (Web)	2025-05-20	Associate professor at Carnegie Mellon University	Expert in mechanism design and the economics of information	We discussed to what extent our design can be used to reduce market power in liquidity provision. In particular, we consider the current trends of market concentration and the challenges they impose on the development of an efficient defi ecosystem.
Wolfgang Pesendorfer (Web)	2025-05-26	Professor of Economics, Princeton University	Expert in economic theory	We discussed the best publication strategy for the paper.
Navin Kartik (Web)	2025-05-27	Professor of Economics, Columbia University	Expert in information economics.	Suggested to contact Korok Ray, Texas A&M, department of accounting.