

(Updated in March 2023)

# Michele Fabi

<https://michelefabi.com>

## Contact information:

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**Position:** Post-doctoral researcher.

**Affiliation:** Ecole Polytechnique, CREST, IP Paris.

**Fields:** Financial Economics, Digital Economics, Applied Game Theory.

## Education:

- July 2021: Ph.D: IDEA, Universitat Autònoma de Barcelona (cum laude).
- July 2017: M.Res: IDEA, Universitat Autònoma de Barcelona.
- October 2014: M.Sc.: LMEC, University of Bologna.
- October 2012: B.A.: Economics and Accounting, University of Bologna (cum laude).

## Working papers:

- Transaction Fees and Seigniorage in Proof-of-Work Cryptocurrencies.
- A Theory of Crowdfunding Dynamics (with Matthew Ellman).

## Book chapters:

- SOK: Constant Function Market Makers (with Julien Prat and Myriam Kassoul). In “A Companion to Decentralized Finance, Digital Assets, and Blockchain Technologies”

## Non-scientific publications:

- A Hitchhiker’s Guide to Decentralized Finance.

## Teaching:

- Lecturer. Ecole Polytechnique Executive Education: Blockchain Advanced Program for Banking and Capital Market Activities (2023, 2022).
- Lecturer. Ecole Polytechnique. ECO664 - Blockchain 2: Advanced Topics in Blockchain and Platform Design (2023, 2022).
- TA. Ecole Polytechnique. Game Theory (2022).
- Lecturer. Ecole Polytechnique. Crash Course in Probability & Statistics - Master in Economics (2022).
- TA. UAB. Mathematics I. Lecturer: Ricard Esparza Masana (2017).

**Referee activity:**

- MARBLE 2023: The 4th International Conference on Mathematical Research for Blockchain Economy.
- Tokenomics 2022: 4th International Conference on Blockchain Economics Security and Protocols.
- Journal of Industrial and Business Economics.

**Other research activities:**

- Organization of BlockSem: Interdisciplinary seminar on blockchain technologies.
- Organization of “The Future(s) of Money” conference (Paris, June 2022).
- Mentor at Paris BWS Hackathon (April 2022).
- Visiting at Ca’ Foscari University (September 2019 – January 2020).
- Organization of EARIE (Barcelona, September 2019).
- Research assistant: Matthew Ellman (IAE Barcelona, January 2019).
- Internship at Banco Sabadell (Barcelona, January 2018).
- Research assistant: Barcelona GSE Research Focus (October 2016).

**Awards:**

- September 2019: SAEe Ph.D. student grant.
- September 2018: Merit scholarship FPI from Barcelona-GSE and Ministerio de Ciencia, Innovaciòn y Universidades.
- September 2017: Merit scholarship PIF from UAB.
- October 2016: Merit scholarship from Severo Ochoa Program.
- May 2011: Merit scholarship from Allianz Bank.

**Seminars and conferences:**

- CREST Microeconomics seminar (March 2023).
- JEI21, Jornadas de Economia Industrial (September 2021).
- EARIE 2021 (August 2021).
- JM Candidates Seminars (November 2020).
- Zoom Seminar UAB (May 2020).
- 44rd Simposio de la Asociaciòn Española de Economía-Spanish Economic Association (SAEe) (December 2019).
- Seminar at Ca’ Foscari University (December 2019).
- Association Southern-European Economic Theorists (October 2019).
- Digital Seminar at Toulouse School of Economics (September 2019).
- JEI19, Jornadas de Economia Industrial. (September 2019).
- Barcelona GSE Jamboree (May 2019).
- Microlab Workshop. IAE (March 2019).
- WIPE. Universitat Rovira i Virgili (February 2019).
- Microlab Workshop. UAB (May 2018).
- Barcelona GSE Jamboree (May 2018).
- Student Seminar. UAB (April 2018).

**Related conferences and seminars:**

- IAE internal seminar, Matthew Ellman: “A Theory of Crowdfunding Dynamics,” with Michele Fabi (December 2020).
- Microlab Workshop, Matthew Ellman: “A Theory of Crowdfunding Dynamics,” with Michele Fabi (February 2020).

- EARIE 2019, Matthew Ellman: ``A Simple Model of Crowdfunding dynamics,’’ with Michele Fabi (August 2019).

**Languages:**

- Italian: Mother tongue.
- English: Proficient.
- Spanish (Castilian and Latin): Fluent.
- French: Beginner.