

Gabriele CONFALONIERI

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EDUCATION

- 2019-*PRESENT* **Ph.D. in Economics and Finance, Bocconi University**, Milan
- Research interests: asset pricing, macro-finance, machine learning
- Awards: merit fellowship (4 years), high-performance computing grant
- 2022-2023 **Visiting Ph.D. Student, University of Oxford**, Oxford
- Research group: Natural language processing for macro-finance
- 2017-2019 **M.Sc. in Physics, Università degli Studi di Milano**, Milan
- 110/110 *Cum Laude*, GPA: 29.8/30
- Major: Computational Physics, Statistical Mechanics
- Thesis: “The Importance of Long-Run Factor Models for Asset Pricing” (Prof. C. A. Favero, Prof. D. Galli)
- 2014-2017 **B.Sc. in Physics, Università degli Studi di Milano**, Milan
- 110/110 *Cum Laude*, GPA: 28.9/30
- Major: Computational Physics, Theoretical Physics
- Awards: merit scholarship
- Thesis: “Resummation of the Transverse Momentum Distribution for Higgs Boson Production” (Prof. S. Forte)

WORK EXPERIENCE

- 2020-*PRESENT* **Lecturer, Bocconi University**
- Advanced Asset Pricing (Ph.D., Prof. F. Ortù, 12 h)
- Empirical Corporate Finance (Ph.D., Prof. T. Martin, 12 h)
- 2021-*PRESENT* **Teaching Assistant, Bocconi University**
- Fiscal Macroeconomics (Prof. C. Cottarelli)
- Risk Management and Value in Banking and Insurance (Prof. A. Sironi)
- Quantitative Finance and Derivatives (Prof. A. Battauz, Prof. F. Ortù)
- Financial Markets and Institutions (Prof. N. Gennaioli)
- 2019-2021 **Research Assistant, Bocconi University**
- Corporate Taxation and Carbon Emissions (Prof. L. Iovino)
- Using a Factor Error Correction Model for Portfolio Allocation (Prof. C. Favero)
- 2013-2016 **Contractor, Diagramma s.r.l.** | IT company for insurance software
- Designed and developed dynamic insurance policies and headed paper

WORK IN PROGRESS

Price Trends and Return Predictability

I develop an econometric model for the prices of anomaly portfolios, and show that their deviations from equilibrium predict the aggregate market return at multiple horizons.

Mispricing Proxies, joint with C. Favero and I. Leoni

We show that measures of sentiment extracted from text data proxy for asset mispricings. We build mixed frequency trading strategies to exploit this fact.

News Headlines, joint with M. Marcellino

We compare the information in the headlines and the full text of business news articles. Headline-based forecasts of macro-financial indicators have equal or greater accuracy than forecasts based on the whole text.

Social Insurance and the Amplification of Business Cycles, joint with A. Repele

We show that income insurance programs are effective at stabilizing business cycle fluctuations, and they must be accounted for when studying fiscal multipliers.

VOLUNTEERING EXPERIENCE

2009-*PRESENT* **Volunteer Youth Worker, Santa Rita's Church**

- Mentored secondary/high school students
- Organized events to improve the district

2015 **Volunteer teacher, Portofranco Milano onlus**

- Taught physics and maths to high school students from disadvantaged backgrounds with poor school performance

2015-2018 **Volunteer, Italian Association of Physics Students (AISF)**

- Planned and managed science outreach events

OTHER ACTIVITIES

WRITING: I write on financial markets and fiscal policy for **Il Sole 24 Ore (Econopoly)**

CFA: **Chartered Financial Analyst (CFA)**, Passed level I exam, 2018

TENNIS: Competed in Italian tournaments (single and double), won local competitions

LANGUAGES AND IT SKILLS

LANGUAGES: Italian (native), English (fluent, TOEFL iBT: 110/120), Russian (A2)

IT: Python, R, C++, MATLAB, Excel/VBA, Microsoft Office

REFERENCES

Carlo Ambrogio FAVERO Bocconi University, Department of Finance
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Massimiliano MARCELLINO Bocconi University, Department of Economics
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Michael MCMAHON University of Oxford, Department of Economics
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