

Curriculum Vitae atque Studiorum

Giuseppe Pernagallo

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Personal Details

Born on 13th July, 1992

Citizenship: Italian

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Current positions

February 2022-*present*. Adjunct Professor of Advanced Statistical Methods and Fundamentals of Mathematics 1, ESCP Business School, Turin.

February 2022-*present*. Economist and Statistician (Indagine sul risparmio e sulle scelte finanziarie degli italiani), Centro di Ricerca e Documentazione Luigi Einaudi, Turin.

2020-*present*. Adjunct Professor of Statistics and Economics for the courses “Econometrics”, “Software R” and “R Environment and Elements of Programming”, Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

2021-*present*. Adjunct Professor of Economics for the course “Macroeconomics”, Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

2020-*present*. Adjunct Professor of Economics for the course “Macroeconomic Scenarios”, Department of Management, University of Turin, Turin.

2019-*present*. Ph.D Researcher at Collegio Carlo Alberto, University of Turin, Program Economics and Complexity “Vilfredo Pareto”. Ph.D. thesis: Innovation in markets with imperfect information. Supervisor: Prof. Cristiano Antonelli.

Education

01/10/2018: M.Sc. in Corporate Finance (Finanza Aziendale), University of Catania, Italy.

Final grade: 110/110 *cum laude*.

Thesis: *A theory of information overload applied to perfectly efficient financial markets.*

Supervisor: Prof. Benedetto Torrisi.

Co-supervisor: Prof. Francesco Reito.

27/09/2016: B.Sc. in Economics (Economia), University of Catania, Italy.

Final grade: 110/110 *cum laude*.

Thesis: *Verifica dell'equivalenza Ricardiana in Italia nel periodo 1995-2014 (Assessing the Ricardian equivalence in Italy in the period 1995-2014)*.

Supervisor: Prof. Isidoro Mazza.

2011: Diploma di maturità, liceo classico, Ettore Majorana, Avola.

Final grade: 91/100.

Further Education

Ph.D. courses:

Advanced Decision Theory; Applied Economics; Dynamic Macroeconomics; Econometric Theory I; Econometric Theory II; Economics of Innovation; Formal Epistemology and Philosophy of Science; General Equilibrium Theory; Intro Mathematics; Intro Statistics; Macroeconomics; Measure and Integration Theory; Microeconomics; Optimization for Economics; Probability.

Summer and seasonal schools:

2022: DATA SCIENCE: Models, Algorithms, AI and Beyond, Workshop "The future of compressed data structures, 20 years after the FM-index", Jacob T. Schwartz International School for Scientific Research - Lipari School Computational Complex and Social Systems, Lipari.

2021: "Economics of innovation and technological change", Scuola Superiore Sant'Anna di Pisa – Pisa. Winner of "Premio al Merito" funded by EY Foundation and Fondazione il Talento all'Opera.

2020: "An introduction to Machine Learning using Stata", Centre of Excellence in Economics and Data Science – University of Milan.

Training Courses for Senior Tutor:

2019: Gestione delle variabili emotive correlate all'apprendimento; immagine di sé ed auto-efficacia; gestione dello stress e dell'ansia. University of Catania.

Individual Courses:

2018: *Model Thinking*, University of Michigan, Coursera.

2018: *Statistical Models for Economics and Finance* ("Modelli Statistici per l'Economia e la Finanza"), Department of Economics and Business, University of Catania (only attended).

2014: Organizational Behavior (attended and passed), ECTS: 9, Department of Economics and Business, University of Catania.

Other Cultural Activities:

2010: "Giorni della scienza: lezioni speciali", Fondazione Umberto Veronesi, Catania.

2010: Member of AICC (Associazione Italiana di Cultura Classica).

2009-2011: Acquanuvena (Trekking and environmental association)

2006-2011: Participant of "Olimpiadi di Matematica" and "Certamen Latinum".

Research Activity

Publications in peer-reviewed journals:

Pernagallo, G. (2022). Science in the mist: a model of asymmetric information for the research market, in *Metroeconomica*.

DOI: 10.1111/meca.12411

Pernagallo, G., Torrìsi, B. (2022). Human capital mobility patterns in the European Union and the financial crisis, in *Quality & Quantity*.

DOI: 10.1007/s11135-022-01437-2

Torrìsi, B., Pernagallo, G. (2022). The relationship between academic well-being and territoriality in Italy, in *Social Indicators Research*, 161, pp. 413–431.

DOI: 10.1007/s11205-020-02309-8

Caruso, S., Pernagallo, G. (2021). On the efficiency of online soccer betting markets: a new methodology based on symbolic series, In *Economics Bulletin*, 41 (3), pp. 1451–1460.

Pernagallo, G., Torrìsi, B. (2020). A theory of information overload applied to perfectly efficient financial markets, in *Review of Behavioral Finance*, 14 (2), pp. 223–236.

DOI: 10.1108/RBF-07-2019-0088

Pernagallo, G., Torrìsi, B. (2020). A logit model to assess the transparency of Italian public administration websites, in *Government Information Quarterly*, 37 (4), 101519.

DOI: 10.1016/j.giq.2020.101519

Torrìsi, B., Pernagallo, G. (2020). Investigating the relationship between job satisfaction and academic brain drain: the Italian case, in *Scientometrics*, 124, pp. 925–952.

DOI: 10.1007/s11192-020-03509-2

Pernagallo G., Torrìsi B. (2020). Blindfolded monkeys or financial analysts: Who is worth your money? New evidence on informational inefficiencies in the U.S. stock market, in *Physica A: Statistical Mechanics and its Applications*, 539, 122900.

DOI: 10.1016/j.physa.2019.122900

Pernagallo G., Torrìsi B. (2019). An empirical analysis on the degree of Gaussianity and long memory of financial returns in emerging economies, in *Physica A: Statistical Mechanics and its Applications*, 527, 121296.

DOI: 10.1016/j.physa.2019.121296

Casabianca T., Marinelli E., Pernagallo G., Torrìsi B. (2019). Radiocarbon Dating of the Turin Shroud: New Evidence from Raw Data, in *Archaeometry*, 61 (5), pp. 1223–1231. DOI:10.1111/arcm.12467

Conference Presentations/Papers:

Pernagallo, G., Scuderi, S., Siviero, L., Torrìsi, B. (2022). Insularity and international trade: the case of Sicily. LVIII Riunione scientifica Società Italiana di Economia Demografia e Statistica (The Italian Society of Economic, Demographic and Statistical Studies), “Tra marginalità e sviluppo. La sfida della sostenibilità in una prospettiva mediterranea”, Palermo.

Pernagallo, G. (2021). Overcoming asymmetric information: a data-driven approach. *PhD Workshop in Economics of Innovation, Complexity and Knowledge, WICK #9*, Collegio Carlo Alberto, Turin.

Pernagallo, G., Torrìsi, B. (2020). A theory of Information overload applied to perfectly efficient financial markets. *2020 International Conference on Modern Management based on Big Data (MMBD2020)*, Beijing, China.

Ferrari, E., Caruso, G., Torrìsi, B., Puglisi, M., Pernagallo, G. (2019). Does it pay to be good in Italy? Exploring the relationship between CSP and CFP in Italian companies, *Tenth Workshop Financial Reporting*, Torino, Italy.

Casabianca T., Marinelli E., Pernagallo G., Torrìsi B. (2018). Radiocarbon Dating of the Turin Shroud: New Evidence from Raw Data, *European Conference on Data Analysis*, Paderborn, Germany.

Conference Organizer:

10th International PhD Workshop in Economics of Innovation, Complexity and Knowledge (WICK#9), sponsored by YSI, BRICK and Collegio Carlo Alberto.

<https://wick.carloalberto.org/>

9th International PhD Workshop in Economics of Innovation, Complexity and Knowledge (WICK#9), sponsored by YSI, BRICK and Collegio Carlo Alberto.

<https://wick.carloalberto.org/9th-edition/index.html>

8th International PhD Workshop in Economics of Innovation, Complexity and Knowledge (WICK#8), sponsored by BRICK and Collegio Carlo Alberto.

<https://wick.carloalberto.org/8th-edition/index.html>

Book Chapters/Conference proceedings:

Pernagallo, G. (forthcoming). Overcoming asymmetric information: a data-driven approach, to be published in the *Elgar Companion to Information Economics*, editors Prof. J. Włodarczyk and D. Raban.

Pernagallo, G., Torrisi, B., Bennato, D. (2020). A classification algorithm to recognize fake news websites, in *Data Science and Social Research – II. Methods, Technologies and Applications*, Springer, ISBN 978-3-030-51221-7.

Torrisi B., Mazzeo F., Pernagallo G. (2018). *Business data analytics nei processi d'internazionalizzazione delle PMI*, in "Percorsi di ricerca sui processi di creazione e diffusione del valore nelle PMI", Capitolo 9, pp. 205-231, Giappichelli Editore, ISBN 9788892117860.

Working Papers:

Di Caro, P., Pernagallo, G., Rossello, A. D., Torrisi, B. (2019). Empirical facts characterizing banking crises: an analysis via binary time series. Available at <https://arxiv.org/abs/1904.12526>

Other Publications:

Pernagallo, G. (2012). *L'eternità morirà prima del mio amore*, Libreria Editrice Urso, Araba Fenice, Collana di poesia, EAN 9788896071847.

Reviewer for:

Economics of Innovation and New Technology; Information Economics and Policy; Quality & Quantity.

Societies: Member of The Society for Financial Econometrics (SoFiE).

Work and Teaching Experiences

August 2022-October 2022: Research Assistant/Consultant in Real Estate Economics for Prof. Jaime Luque, ESCP Business School Madrid. I worked with big data (over 50,000,000 observations) to assess the causal impact of technology adoption (artificial intelligence) in the hospitality industry.

2020-2022: Adjunct Professor of Economics for the course "Macroeconomics", Department of Management, University of Turin, Turin.

September 2021-June 2022: Economist and Statistician (report AIPB, Italian Association of Private Banking and Supervisor for the construction of the Historical Savings Survey Database), Centro di Ricerca e Documentazione Luigi Einaudi, Turin.

2020-2021: Adjunct Professor of Economics for the course "Applied Microeconomics", Department of Economics and Statistics "Cognetti de Martiis", University of Turin, Turin. Adjunct Professor of Economics for the course "Microeconomics", Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

2020-2022: Teaching Assistant of Economics, Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

March 2020-April 2020: Instructor of Programming in R, Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

January 2019 – May 2019: Senior tutor of Economic Statistics (“Statistica Economica”) at Department of Economics and Business, University of Catania, Catania.

November 2018 – May 2019: Senior tutor of Elaboration Systems for Economic Data (“Sistemi di Elaborazione Dati per l’Economia”) at Department of Economics and Business, University of Catania, Catania.

September 2018: Data Analyst, Sottotesi S.R.L.S.

May-September 2018: Junior Tutor of Economic Statistics (“Statistica Economica”) at Department of Economics and Business, University of Catania, Catania.

March-April 2016: Internship, Fiscal Area, Comune di Avola. Main activity: Supervisor for a project regarding the tax paid by telecommunication companies for the occupation of public land.

Projects/Volunteering

January 2019: Specialist for “Comitato pro-raddoppio SS. 284”.

Main activity: Parametric and non-parametric hypothesis testing on TGM (average daily traffic) to show the necessity of enlarging the funding program for the Sicilian highway SS. 284 not only for the route Paternò-Biancavilla but also for the route Biancavilla-Adrano. A report of this study was sent to ANAS and to the Sicilian Department of Infrastructure and Transport.

Language skills

ITALIAN: mother-tongue.

ENGLISH: excellent.

Certifications.

February 2019: British Council **IELTS** (number: 18IT006416PERG264A), overall band: 7.5/9, **level: C1.**

November 2018: Stanford “Writing in the sciences”, Statement of Accomplishment **with distinction**

2014: B1 level certified by University of Catania with deliberation n. 8/15-04-2014.

Computer skills

Certifications:

February 2019: Stanford "Computer Science 101", Statement of Accomplishment **scoring 100%**, (verifiable at <https://verify.lagunita.stanford.edu/SOA/77838570127d4ccdab10e03e8d20d871/>)

November 2018: Alison Data Science - Regression and Clustering Models (Certification no. 1094-12097357).

October 2018: Alison Data Analytics - Mining and Analysis of Big Data (Certification no. 1039-12097357).

October 2018: Alison Data Science - Visualizing Data and Exploring Models (Certification no. 1093-12097357).

October 2018: Alison Introduction to Programming with Python (Certification no. 423-12097357).

October 2018: Stanford "Statistical Learning", Statement of Accomplishment **with distinction** (verifiable at <https://verify.lagunita.stanford.edu/SOA/ea337a8e4f424414bd646dda295392a8/>).

September 2018: Alison Microsoft Access 2010 (Certification no. 435-12097357).

September 2018: Alison Microsoft Excel 2010 (Certification no. 412-12097357).

September 2018: Alison Microsoft Office 2010: Access, Excel, Outlook, Powerpoint, Word (Certification no. 460-12097357).

September 2018: Alison Microsoft Powerpoint 2010 (Certification no. 442-12097357).

September 2018: Thomson Reuters Datastream Certification.

September 2018: Thomson Reuters Eikon – Version 4 Certification.

October 2017: PEKIT Expert certification issued by P.E.K.I.T. Project, Fondazione Sviluppo Europa (70C73426, Reg. N. 000000022069).

Programming/typesetting Languages and Software¹:

EasyFit (Expert), Gretl (Expert), L^AT_EX (Expert), Microsoft Office (Expert), R (Expert), XLSTAT (Expert), EViews (Proficient), Stata (Proficient), DEAP (Competent), NetLogo (Competent), PSPP (Competent), Python (Competent), Visual Basic (Competent), JavaScript (Novice).

Internet browsers, functionalities, and tools: excellent.

Main Accomplishments (Calls, Scholarships and Awards)

2022: Winner of a position as Teaching Assistant in SECS-P/01 (selezione esterna n. 3/2022), Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

2021: “Economics of innovation and technological change”, Scuola Superiore Sant’Anna di Pisa – Pisa. Winner of “Premio al Merito” funded by EY Foundation and Fondazione il Talento all’Opera.

2021: Winner of a positions as Adjunct Professor of Statistics for three courses in SECS-S/01 (DD 2817 02/07/2021), Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

Winner of a position as Adjunct Professor of Economics in SECS-P/01 (DD 2672 23/06/2021), Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

Winner of a position as Adjunct Professor of Economics for two courses in SECS-P/01 (DD 2580 17/06/2021), Department of Management.

2021: Winner of a position as Teaching Assistant in SECS-P/01 (selezione esterna n. 3/2021), Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

2020: Winner of a position as Adjunct Professor of Statistics in SECS-S/01 (DD 2940 04/09/2020), Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

Winner of a position as Adjunct Professor of Economics in SECS-P/01 (DD 2914 02/09/2020), Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

Winner of a position as Adjunct Professor of Economics for two courses in SECS-P/01 (D.D. N. 2158 and D.D. 2159 23/06/2020), Department of Management.

Winner of a position as Adjunct Professor of Economics in SECS-P/01 (D.D. 2074 16/06/2020), Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

Winner of a position as Adjunct Professor of Statistics for two courses in SECS-S/01 (DD 2186 25/06/2020), Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

2020: Winner of a position as Teaching Assistant in SECS-P/01 (SELEST01-2020-ESOMAS), Department of Economic, Social, Mathematical and Statistical Sciences, University of Turin, Turin.

¹ The 5-level scheme in improving order: Novice, Advanced Beginner, Competent, Proficient, Expert. Dreyfus, S. (2004). “The Five-Stage Model of Adult Skills Acquisition”, *Bulletin of Science Technology & Society* 24 (3), pp. 177–181.

2020: Admitted to the Summer School in Machine Learning, University of Milan and Centre of Excellence in Economics and Data Science, Milan.

2020: Winner of a position as “R Lab” instructor (no. POLOCLE_EST/EST_02/2020), Department of Economics and Statistics “Cognetti de Martiis”, University of Turin, Turin.

2019: Winner of a position with full scholarship in the Ph.D. program in Economics “Vilfredo Pareto”, University of Turin.

2019: Winner of a senior tutorship (D.D. no. 1208, 29.04.2019) in ICAR/22 (Economics applied to Engineering), University of Catania, Department of Electrical and Electronic Engineering and Informatics.

2019: Winner of ERSU graduation award (Premio di Laurea), amount: € 1.309,00.

2018: Winner of a senior tutorship (D.D. no. 4275, 7.11.2018) in SECS-S/03 (Economic Statistics), University of Catania, Department of Economics and Business.

Winner of a senior tutorship (D.D. no. 3891, 10.10.2018) in INF/01 (Elaboration Systems for Economic Data), University of Catania, Department of Economics and Business.

2018: Winner of two junior tutorships (D.D. no. 2870, 19.07.2018) in SECS-P/01 (Macroeconomics) and SECS-S/01 (Statistics), University of Catania, Department of Economics and Business. Winner of a junior tutorship (D.D. no. 926, 14.03.2018) in SECS-S/03 (Economic Statistics), University of Catania, Department of Economics and Business.

27 September 2016: I was the student designated to give the graduation speech on behalf of the students of Economics, an honour reserved to the best graduating student.

2013/2014 – 2017/2018: ERSU scholarship winner for deserving students for all the academic years. In the academic year 2017/2018 I was ranked first.

2011/2012: Selected poet for the poetry contest “Libri Di Versi in Diversi Libri”.

2011: Honorable Mention for the poetry “Mille Tasselli”, Poetry contest Don G. Colletto - III Edition.

Other Information

License: Patente B.

Hobbies: cooking, gaming, krav maga, movies, music, playing keyboard, reading, weightlifting, writing.

Other certifications:

February 2020: Corso di Formazione Generale alla Salute e Sicurezza per i Lavoratori. University of Turin. Certification no. e29i0SH6D3

December 2018: Samsung Innovation Camp, Randstat.

November 2018: Alison Financial Funds (Certification no. 493-12097357).

October 2018: Alison "Applied Psychology - Introduction to Consumer Behavior" (Certification no. 1411-12097357).

October 2018: Alison "Introduction to Behavioural Finance" (Certification no. 622-12097357).

October 2018: Alison "Understanding Information Theory" (Certification no. 638-12097357).

September 2018: Alison "Introduction to Managing Safety and Health in Schools" (Certification no. 98-12097357).