TOMAS NIELSEN ROTTA
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School of Creative Management
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Citizenships: Brazil and Italy (EU, settled status in the UK)

Appointments

Sep 2024 – present	Senior Lecturer in Economics Economics Programme Director	Goldsmiths College, University of London, UK
Sep 2019 – Aug 2024	Lecturer in Economics	Goldsmiths College, University of London, UK
Jan 2020 – Jul 2022	Visiting Lecturer in Economics	SOAS, University of London, UK
Sep 2018 – Aug 2019	Senior Lecturer in Economics	University of Greenwich Business School, London, UK
Sep 2014 – Aug 2018	Lecturer in Economics	University of Greenwich Business School, London, UK
Sep 2011 – Aug 2014	Teaching Associate in Economics	University of Massachusetts, Amherst, USA
Sep 2008 – Aug 2011	Teaching Assistant in Economics	University of Massachusetts, Amherst, USA
Mar 2008 – May 2008	MSc Research Internship	UNAM, Mexico City, Mexico
Jan 2007 – Jul 2007	Teaching Assistant in Economics	University of São Paulo (USP), São Paulo, Brazil
Aug 2004 – Dec 2004	Internship, Finance Department	São Paulo State Government, São Paulo, Brazil
Jan 1998 – Dec 1999	Teaching Assistant	Magno High School, São Paulo, Brazil

Education

Aug 2010 – Aug 2014	PhD, Economics (GPA 3.96 out of 4)	University of Massachusetts at Amherst, USA
Aug 2008 – Jul 2010	MA, Economics (GPA 3.94 out of 4)	University of Massachusetts at Amherst, USA
Jan 2006 – Aug 2008	MSc, Economic Development (distinction)	University of São Paulo (USP), Brazil
Jan 2001 – Dec 2004	BSc, Business Management (GPA 7.8 out of 10)	University of São Paulo (USP), Brazil

Languages

English (fluent), Portuguese (native), Spanish (fluent), French (basic), and Italian (basic).

Technical skills

Applied econometrics, economic modelling, simulations, dynamic reporting, web scraping.
Python, R, Nvidia CUDA, Stata, Linux (basic), C/C++ (basic), HTML, Markdown/Quarto, Office, cloud computing, VS Code.

Research fields

Computational political economy, economic growth and inequality, input-output analysis, value theory, knowledge economy.

Refereed publications

1. Rotta, T. N. (2026) Measuring Global Exploitation, 1990–2023: Does Globalization Equalize Exploitation Rates? *World Development* 209, 107581.
2. Rotta, T. N. (2025) Value Capture and Value Production in the World Economy: A Marxian Analysis of Global Value Chains, 2000-2014. *Environment and Planning A: Economy and Space* 57(2-3), pp.184-202 (open access).
3. Rotta, T. N. (2024) Intellectual Monopoly and Income Inequality in the United States, 1948-2021: A Long Run Analysis. *Review of Radical Political Economics* 57(4), pp.826-849 (open access).
4. Rotta, T. N. and Kumar, R. (2024) Was Marx Right? Development and Exploitation in 43 Countries, 2000-2014. *Structural Change and Economic Dynamics* 69, pp.213-223 (open access).
5. Rotta, T. N. and Paraná, E. (2022) Bitcoin as a Digital Commodity. *New Political Economy* 27(6), pp.1046-1061 (open access).
6. Rotta, T. N. (2022) Information Rents, Economic Growth, and Inequality: An Empirical Study of the United States. *Cambridge Journal of Economics* 46(2), pp.341-370.
7. Rotta, T. N. (2021) Effective Demand and Prices of Production: An Evolutionary Approach. *Structural Change and Economic Dynamics* 58, pp.90-105.
8. Rotta, T. N. (2018) Unproductive Accumulation in the United States: A New Analytical Framework. *Cambridge Journal of Economics* 42(5), pp.1367-1392.
9. Rotta, T. N. and Teixeira, R. (2016) The Autonomisation of Abstract Wealth: New Insights on the Labour Theory of Value. *Cambridge Journal of Economics* 40(4), pp.1185-1201.
10. Teixeira, R. and Rotta, T. N. (2012) Valueless Knowledge-Commodities and Financialization. *Review of Radical Political Economics* 44(4), pp.448-467.
11. Rotta, T. N. and Paulani, L. (2009) Marx's Monetary Theory: Limitations and Current Validity. *Revista EconomiA* 10, pp.609-633 (open access, in Portuguese).

Edited books

1. Vidal, M.; Smith, T.; Rotta, T. N.; Prew, P. (2019) The Oxford Handbook of Karl Marx, New York: Oxford University Press (900-page volume with 41 original chapters).

Book chapters

1. Rotta, T. N. (2026) Estimating Marxian Economic Categories: A Global Input-Output Approach Integrating Leontief and the New Interpretation. In B. Cronin (ed.), *Handbook of Research Methods and Applications in Heterodox Economics*, 2nd edition. Northampton, USA: Edward Elgar, pp.375–402.
2. Rotta, T. N. and Teixeira, R. (2019) The Commodification of Knowledge and Information. In: Matt Vidal; Tony Smith; Tomas Rotta and Paul Prew, eds. *The Oxford Handbook of Karl Marx*. New York: Oxford University Press, pp.379-401.
3. Prew, P.; Rotta, T. N.; Smith, T. and Vidal, M. (2019) The Enduring Relevance of Karl Marx. In: Matt Vidal; Tony Smith; Tomas Rotta and Paul Prew, eds. *The Oxford Handbook of Karl Marx*. New York: Oxford University Press, pp.3-35.

Under review and in progress

1. Rotta, T. N. and Guizzo, D. (revise and resubmit) Price Gravitation, Super-Profits, and Economic Complexity: Evidence from Global Input–Output Data.
2. Guizzo, D. and Rotta, T. N. (submitted) A Crisis of Valuation: Higher Education and Institutionalism's Social Theory of Value.
3. Rotta, T. N. (in progress) Economic Complexity, Value Capture, and Unequal Exchange in the Global Economy.
4. Rotta, T. N. and Guizzo, D. (in progress) Measuring Ecologically Unequal Exchange at the Country-Industry Level: Global Evidence, 1991–2023.
5. Rotta, T. N. (in progress) The Value of Money in the World Economy.
6. Rotta, T. N. (in progress) Effective Demand, Economies of Scale, and Value Capture: A Dynamic Input-Output Model.
7. Paraná, E. and Rotta, T. N. (in progress) Artificial Intelligence and the Automation of Services.

Datasets

1. Rotta, T. N. (2026) Ecologically Unequal Exchange (EcoUE) at the Country–Industry Level: Panel Datasets Derived from GLORIA, 1991–2023 [Data set]. Zenodo.
2. Rotta, T. N. (2026) Panel Data on Market Prices (MP), Direct Prices (DP), Prices of Production (PP), and Economic Complexity (ECI) Derived from GLORIA Input-Output Data, 1995-2023 [Data set]. Zenodo.
3. Rotta, T. N. (2026) Economic Complexity and Value-Added Capture: Country-Level Panel Datasets (1995–2023) [Data set]. Zenodo.
4. Rotta, T. N. (2026) Panel Data of Global Exploitation Rates (1990-2021): CSV and Parquet Files [Data set]. Zenodo.
5. Rotta, T. N. (2025) Panel Data of Value-Added Capture at the Country, Industry, and Country-Industry Levels of Aggregation (2000-2014) [Data set]. Zenodo.
6. Rotta, T. N. (2024) Time Series Dataset for the United States (1947-2021): Intellectual Monopoly and Income Inequality [Data set]. Zenodo.
7. Rotta, T. N. (2023) Panel Dataset of Marxist Variables at the Global Level (2000-2014) [Data set]. Zenodo.
8. Rotta, T. N. (2022) Time Series Dataset for the United States (1947-2011): Information Rents, Economic Growth, and Inequality [Data set]. Zenodo.

Popular writings

1. Eigenvalue-Hacking and the Global Uniform Profit Rate, personal website, Jul 2026.
2. Value Capture and Value Production in the Global Economy, short piece for *A Terra É Redonda*, Jan 2025 (in Portuguese). English version available here.
3. Monopolies of Knowledge Are Making the Rich Richer, short piece for *Critical Takes on Corporate Power*, Dec 2024.
4. Commodity Money and the Gold Standard in Star Wars, personal website, May 2023.
5. Book flap for the Brazilian edition of 'And the Weak Suffer What They Must?' by Yanis Varoufakis, publisher: Autonomia Literária (in Portuguese).
6. You Pay to Work. And Why It Matters. *Democracy at Work*, December 21st 2016.
7. Brazil 2013: Mass Demonstrations, the World Cup, and 500 Years of Oppression. English version: *Counterpunch*, June 25th 2013. Spanish version: *Rebelión*, June 28th 2013. Korean version: *Redian*, June 27th 2013.
8. Philosophy, Economics and the Crisis. *Filosofia Ciência & Vida*, São Paulo, Brazil, pp.14-23, 01 2009, with Maria Cristina Longo (in Portuguese).

Non-refereed works

1. Rotta, T. N. (2014) Productive Stagnation and Unproductive Accumulation in the United States Economy, 1947-2011. PhD Dissertation, University of Massachusetts, USA. Committee: David Kotz (chair), Gerald Epstein, and Deepankar Basu.
2. Rotta, T. N. (2013) Modern Rent-Bearing Capital: New Enclosures, Knowledge-Rent and the Financialization of Monopoly Rights. *Jokyo*, July edition, pp.41-66 (in Japanese), with Rodrigo Teixeira.
3. Rotta, T. N. (2008) Inconvertible Money, Financial Derivatives, and Fictitious Capital. MSc Thesis. Department of Economics, University of São Paulo (in Portuguese).

Research grants, awards, and scholarships

Duration	Awarding Body	Project	Role	Value
2027	Association for Heterodox Economics	Quantitative Political Economy Workshop	Coordinator	4,400 pounds
2026	Goldsmiths College, University of London	Internal research grant	Sole recipient	1,500 pounds
2018	Transform Europe Association, Vienna, Austria	Award for the best paper in Political Economy	Sole recipient	10,000 euros
2018 (2 months)	Greenwich Political Economy Research Centre (GPERC)	Small research grant	Sole recipient	2,000 pounds
2013 (6 months)	Political Economy Research Institute (PERI), University of Massachusetts, USA	PhD Fellowship	Sole recipient	25,000 dollars
2012 (2 weeks)	Center for the History of Political Economy (CHOPE), Duke University, USA	Summer institute grant	Sole recipient	3,000 dollars
2011 (2 weeks)	University of Massachusetts, USA	Graduate school travel grant	Sole recipient	1,000 dollars
2011 (2 weeks)	Political Economy Research Institute (PERI), University of Massachusetts, USA	Travel grant	Sole recipient	1,000 dollars
2008 (4 months)	Red de Macro Universidades, sponsored by Santander Bank	MSc Research Internship Fellowship	Sole recipient	5,000 dollars
2007–2008 (18 months)	State of Sao Paulo Research Foundation (Fapesp)	MSc Fellowship (most prestigious and selective MSc fellowship in Brazil)	Sole recipient	18,000 dollars (approximate)
2006–2007 (1 year)	National Council for Scientific and Technological Development (CNPq)	MSc Fellowship	Sole recipient	12,000 dollars (approximate)
2003–2004 (1 year)	National Council for Scientific and Technological Development (CNPq)	Undergraduate Research Fellowship	Sole recipient	3,000 dollars (approximate)

Honours and distinctions

2018–2019	Outstanding Teaching Award (awarded to one faculty member once a year)	University of Greenwich Business School, London, UK
2018–2019	Finalist for the Student-Led Teaching Award	Students Union, University of Greenwich, London, UK
2017–2018	Finalist for the Inspirational Teaching Award	Students Union, University of Greenwich, London, UK
2015–2016	Outstanding Teaching Award (awarded to one faculty member once a year)	University of Greenwich Business School, London, UK
2013–2014	Top-5 Finalist of the Distinguished Teaching Award (highly competitive campus-wide prize and the highest teaching honour awarded from the university)	University of Massachusetts, USA
2008	MSc dissertation approved with distinction	Economics Department, University of São Paulo, Brazil

External examinerships

2023–present	**External examiner** UG modules	Queen Mary, University of London, UK School of Business and Management Department of Business Analytics and Applied Economics
2022	**External examiner of PhD thesis** and **'rapporteur'** Leonardo Nunes	Université Paris 1 Pantheón Sorbonne, France
2019	**External examiner of PhD thesis** Lucas Rech	Federal University of Bahia, Brazil

Certificates

2015	Fellow	Higher Education Academy, UK
2015	Post-graduate certificate in Higher Education	University of Greenwich Business School, UK

Supervisions

2026–present	**Third PhD supervisor** Josephine Baker	New School for Social Research, NYC, USA Economics Department
2022–2023	**Supervisor of visiting PhD researcher** Oscar Arruda d'Alva	Goldsmiths, University of London, UK
2020	**Post-doctoral supervisor of visiting fellow** Dr Gustavo Moura Mello	Goldsmiths, University of London, UK
2018–2019	**Second PhD supervisor** Ben Tippet, with a pro-vice-chancellor fellowship	University of Greenwich Business School, London, UK
2018–2019	**Supervisor of visiting research fellow** Lucas Rech	University of Greenwich Business School, London, UK
2015–2018	**Third PhD supervisor** Alexander Guschanski	University of Greenwich Business School, London, UK
2017	**Transfer viva committee member** Sherko Burhan	University of Greenwich Business School, London, UK
2014–2019	Total **undergraduate dissertations** supervised: 60 Total **MBA dissertations** supervised: 15	University of Greenwich Business School, London, UK

Referee activity

Cambridge Journal of Economics
New Political Economy
Environment and Planning A: Economy and Space
Structural Change and Economic Dynamics
Journal of Post-Keynesian Economics
Review of Social Economy
Competition and Change
Review of Radical Political Economics
Review of Political Economy
Historical Materialism
World Review of Political Economy
Theoretical Economics Letters
OEconomia
Estudos Econômicos
Economia e Sociedade
Revista EconomiA
Nova Economia
Revista da Sociedade Brasileira de Economia Política
Revista de Economia Contemporânea
Cadernos de Ética e Filosofia Política

Research presentations

University of Barcelona, Spain (by invitation) Research seminar, Faculty of Economics and Business (Diagonal Campus) Department of Economic History, Institutions, Policy and World Economy	Barcelona, Spain (Apr 2026)
City, University of London, UK (by invitation) Memorial for Geoffrey Kay, Economics Department	London, UK (Apr 2026)
Association for Heterodox Economics (AHE) Annual conference	Coimbra, Portugal (Jul 2026) London, UK (Jun 2025) Bristol, UK (Jul 2024) Cambridge, UK (Jun 2023) London, UK (Jul 2022)
Historical Materialism (HM) Annual conference SOAS, University of London	London, UK (Nov 2024) London, UK (Nov 2023) London, UK (Nov 2015) London, UK (Nov 2011)
International Initiative for Promoting Political Economy (IIPPE) Annual conference	Madrid, Spain (Sep 2023) Online (Sep 2021) Lille, France (Sep 2019) Pula, Croatia (Sep 2018) Lisbon, Portugal (Sep 2016) Leeds, UK (Sep 2015)
Federal University of Bahia, Brazil (by invitation) Economics department webinar	Online (Aug 2023)
Italian Association for the History of Political Economy (STOREP) Annual conference	Bari, Italy (Jun 2023)
Goldsmiths University of London (by invitation) Workshop in memory of Victoria Chick and Geoff Harcourt	London, UK (May 2023)

Goldsmiths University of London (by invitation) Workshop in memory of Luigi Pasinetti	London, UK (Mar 2023)
University of Massachusetts at Boston, USA (by invitation) Economics department webinar	Online (Sep 2021)
University of Aberdeen (by invitation) Shifting Paradigms conference	Aberdeen, UK (Nov 2019)
University of Greenwich Business School (by invitation) Post-Keynesian Economics Society Summer School	London, UK (Jun 2019)
King's College London (by invitation) Book launch	London, UK (May 2019)
University of Greenwich Business School (by invitation) Book launch at the Rethinking Economics conference	London, UK (Mar 2019)
King's College London (by invitation) Marxist Theory Seminar	London, UK (Mar 2018)
SOAS, University of London (by invitation) Post-Keynesian Economics Society annual workshop	London, UK (May 2015)
University of Greenwich Business School International Business and Economics department research seminar	London, UK (Nov 2014)
Eastern Economic Association (EEA) Annual conference	New York, USA (Feb 2013) New York, USA (Feb 2011) New York, USA (Feb 2009)
Brazilian Political Economy Association (SEP) Annual conference	Uberlandia, Brazil (Jul 2011) São Paulo, Brazil (Jul 2009)
Rethinking Marxism (RM) Annual conference	Amherst, USA (Sep 2009)
Undergraduate Research Exposition of the University of São Paulo Annual conference	São Paulo, Brazil (Jun 2004)

Teaching experience

Advanced Econometrics (PG and UG) Econometrics (PG and UG) Applied Statistics Personal tutoring	Sep 2019 – present	**Goldsmiths College** **University of London, UK** Senior Lecturer and Lecturer
Advanced Microeconomics (PG)	Jan 2020 – Jul 2022	**SOAS** **University of London, UK** Visiting Lecturer
PhD Lecture Series in Macroeconomics (PG) Microeconomics 1 (PG) Research Methods (MBA) Microeconomics 1 Monetary Economics History of Economic Thought Introduction to Business Management Personal tutoring	Sep 2014 – Aug 2019	**University of Greenwich Business School** **London, UK** Senior Lecturer and Lecturer
International Monetary Theory Game Theory Intermediate Microeconomic Theory Money and Banking Economic Development Political Economy Political Economy of Gender Macroeconomics 1 Microeconomics 1	Aug 2008 – Jul 2014	**University of Massachusetts** **Amherst, USA** Teaching Associate (full responsibility) and Teaching Assistant

History of Economic Thought	Jan 2007 – Jul 2007	**University of São Paulo Business School** São Paulo, Brazil Teaching Assistant
High school teaching assistant	Jan 1998 – Dec 1999	**Magno High School** São Paulo, Brazil Teaching Assistant

Academic service

2024–present 2021–2024	**Economics Programme Director** **Economics Deputy Programme Director** BSc Economics BSc Economics with Data Science BSc Economics with Marketing BSc Economics with Finance and Accounting BA Economics BA Economics with Law	Goldsmiths College, University of London, UK
2025–present	**Design, validation, and delivery of the new undergraduate degree** BSc Economics with Finance and Accounting	Goldsmiths College University of London, UK
2019–present	**Undergraduate recruitment and conversions coordinator** Design and delivery of recruitment and conversions events such as Open Days, Applicant Days, taster days, and taster lectures Call Back campaigns and phone interviews School visits Clearing campaigns and phone interviews	Goldsmiths College University of London, UK
2019–present	**Active member** of the Structural Economic Analysis Research Unit	Goldsmiths College University of London, UK
2017–2019	**Design, validation, and delivery of the new post-graduate MSc degree in Economics**	University of Greenwich Business School, London, UK
2018	**Undergraduate admissions clearing**	University of Greenwich Business School, London, UK
2012–2013	**Chair of the post-graduate allocation committee** Successfully improved, digitised, and managed the allocation system of teaching assistantships for 55 PhD students	Economics department - University of Massachusetts, USA
2003–2004	**Vice-president of the Students Union** Responsible for undergraduate Business and Management degrees	School of Business, Economics, and Accounting, University of São Paulo, Brazil
2003–2004	**Student representative** Board of School Senate	School of Business, Economics, and Accounting, University of São Paulo, Brazil
2002–2003	**Student representative** Board of the Department of Management	School of Business, Economics, and Accounting, University of São Paulo, Brazil

Workshop and seminar coordination

Apr 2027	Two-day International Workshop on Quantitative Political Economy, with 11 Speakers from the UK, USA, India, and Austria.	Goldsmiths College, University of London, UK
Nov 2025	Book launch of Marx's Theory of Value at the Frontiers: Classical Political Economics, Imperialism and Ecological Breakdown, by Dr Güney Işıkara and Dr Patrick Mokre	Goldsmiths College, University of London, UK
Oct 2025	Economics seminar with Dr Nikolaos Chatzarakis on Long and Short Cycles in a Goodwin-Marx-Kalecki-Schumpeter Model	Goldsmiths College, University of London, UK
Mar 2024	Economics seminar with Prof Peter Skott on Structuralist and Behavioural Macroeconomics	Goldsmiths College, University of London, UK

External roles

2026–present	Editor of the 'Heterodox Insights' series	Association for Heterodox Economics (AHE)
2025–present	Stream coordinator for Quantitative Political Economy	Association for Heterodox Economics (AHE)
2024–present	Management committee member	Association for Heterodox Economics (AHE)
2024–present	Webmaster	Association for Heterodox Economics (AHE)
2026	Member of the annual conference scientific committee	World Association of Political Economy (WAPE)

Media participation

16 Oct 2026	Unequal Exchange in Marxian Economics: An Interview Conducted by Michael Roberts	Moderated and hosted on YouTube Host: Michael Roberts
8 Aug 2022	Online debate on Bitcoin and digital assets	Moderated and hosted on YouTube Host: André Roncaglia
13 Mar 2019	Interview on the financialization of the economy	Jornalismo Junior
28 Jun 2013	Radio interview	KDVS 90.3FM, University of California Davis, USA. Host: Richard Estes
Aug 2008 – May 2011	Participation in radio show	'Urgent Song' radio show on WMUA 91.1FM, University of Massachusetts, USA. Host: Anilyn Diaz

Translations

1. Mollo, M. L. R. (2026) The Importance of Money in Marx's Critique of Capitalism: Reflections on Economic Theories. Forthcoming in the *Rethinking Marxism* journal. [translated from Portuguese to English]
2. Mollo, M. L. R. (2026) The Developmentalist Debate: Reflections on Marxist Alternatives for Developmentalism. Forthcoming in the *Rethinking Marxism* journal. [translated from Portuguese to English]
3. Chukwuma, J. N.; Romero, M. J.; Van Waeyenberge, E. (2024) The Financialisation of Healthcare: The World Bank's Role in Promoting Public-Private-Partnerships. In: Lavinas, L.; Martins, N. M., Gonçalves, G. L.; Van Waeyenberge, E. *Financialization: Crisis, Stagnation, and Inequality*. São Paulo, Brazil: Editora Contracorrente. [translated from English to Portuguese]
4. Auvray, T.; Durand, C.; Rabinovich, J.; Rikap, C. (2024) From Financialization Mark I to Financialization Mark II. In: Lavinas, L.; Martins, N. M., Gonçalves, G. L.; Van Waeyenberge, E. *Financialization: Crisis, Stagnation, and Inequality*. São Paulo, Brazil: Editora Contracorrente. [translated from English to Portuguese]
5. Mader, P. (2024) Financialised Water and 'Inclusive' Development: The Issue of Water-Microfinance. In: Lavinas, L.; Martins, N. M., Gonçalves, G. L.; Van Waeyenberge, E. *Financialization: Crisis, Stagnation, and Inequality*. São Paulo, Brazil: Editora Contracorrente. [translated from English to Portuguese]
6. Morvant-Roux, S. and Rees, M. (2024) Indebtedness and the (Im)morality of Financialization in Switzerland. In: Lavinas, L.; Martins, N. M., Gonçalves, G. L.; Van Waeyenberge, E. *Financialization: Crisis, Stagnation, and Inequality*. São Paulo, Brazil: Editora Contracorrente. [translated from English to Portuguese]