

# Christian Alexander Mongeau Ospina

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## Personal Information

Name: **Christian Alexander.**  
Surname: **Mongeau Ospina.**

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## Education

- 2011 **Ph.D. in Economics**, *University of Rome "La Sapienza"*, Rome.  
Thesis: "Essays on structural changes in emerging countries". Supervisor: Prof. Alberto Bagnai; Co-Supervisor: Prof. Alessia Amighini.
- 2006 **BA/MA in Economics**, *University of Rome "La Sapienza"*, Rome, *Summa cum laude*.  
Thesis: "Perspectives on the Chinese economy and its impact on world growth". Supervisor: Prof. Claudio Gnesutta.

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## Publications

### Articles

- 2018 **Asymmetries, outliers and structural stability in the US gasoline market**, *Energy Economics*, 69, pages 250-260, <https://doi.org/10.1016/j.eneco.2017.11.014>, (with A. Bagnai).
- 2017 **Monetary integration vs. real disintegration: single currency and productivity divergence in the euro area**, *Journal of Economic Policy Reform*, <https://doi.org/10.1080/17487870.2017.1403755>, (with A. Bagnai).
- 2017 **Neoclassical versus Kaldorian explanations of Southern Europe's productivity slowdown**, *Acta Oeconomica*, 67(s1), pages 113-135, <https://doi.org/10.1556/032.2017.67.S.9>, (with A. Bagnai).
- 2017 **Withdrawal of Italy from the euro area: stochastic simulations of a structural macroeconometric model**, *Economic Modelling*, 64, pages 524-538, <https://doi.org/10.1016/j.econmod.2017.04.010>, (with A. Bagnai).
- 2017 **Knowledge composition, Jacobs externalities and innovation performance in European regions**, *Regional Studies*, 51(11), pages 1708-1720, <https://doi.org/10.1080/00343404.2016.1217405>, (with C. Antonelli, F. Crespi and G. Scellato).

- 2016 **Investigating biofuels through network analysis**, *Energy Policy*, 97, pages 60-72, <https://doi.org/10.1016/j.enpol.2016.07.001>, (with Y. Curci).
- 2016 **“Asymmetric asymmetries” in Eurozone markets gasoline pricing**, *Journal of Economic Asymmetries*, 13, pages 89-99, <https://doi.org/10.1016/j.jeca.2016.03.004>, (with A. Bagnai).
- 2015 **Long- and short-run price asymmetries and hysteresis in the Italian gasoline market**, *Energy Policy*, 78, pages 41-50, <https://doi.org/10.1016/j.enpol.2014.12.017>, (with A. Bagnai).
- 2014 **The impact of an exchange rate realignment on the Italian trade balance: Euro vs. national Currency**, *Applied Economics Quarterly*, 60(4), pages 273-291, <https://doi.org/10.3790/aeq.60.4.273>, (with A. Bagnai).

### **Books/Chapters in Books**

- 2012 **Two years of pension reforms: the effects on government expenditure and the remaining open issues**, (with L. Dragosei, R.M. Lipsi and S. Ginebri) in Trupiano, G. (ed.) *The Government budget 2012-2014*, published by Aracne, ISBN 9788854849280.
- 2010 **China’s growth: scenarios and implications for the other poles of the global economy**, [orig. title in italian: “La crescita della Cina: scenari e implicazioni per gli altri poli dell’economia globale”], (with A. Bagnai), FrancoAngeli, Milan.
- 2009 **Structural changes and the transition process of China**, (with A. Bagnai) Chapter I in Wu, Z. (ed.) *China in the World Economy*, published by Routledge, ISBN 9780415470025.

### **Working Papers**

- 2016 **Price asymmetries in the European gasoline market**, *a/simmetrie Working Paper No. 1602*, (with A. Bagnai).
- 2014 **Long- and short-run price asymmetries in the Italian energy market: the case of gasoline and heating gasoil**, *a/simmetrie Working Paper No. 1407*, (with A. Bagnai).
- 2014 **The a/simmetrie annual macroeconomic model of the Italian economy: structure and properties**, *a/simmetrie Working Paper No. 1405*, (with A. Bagnai).
- 2007 **Structural changes and the transition process: a macroeconomic model of China**, *Luiss Lab on European Economics Working Document No. 47*, (with A. Bagnai), Paper presented at the 18th CEA–UK Annual Conference “Integrating China into the World Economy”, Nottingham, April 16–17, 2007; a revised version has been presented at the international conference “Transition and development in China – Government, markets and public policies”, Shanghai, China Center for Economic Studies, Fudan University, September 15-16, 2007.

### **Other Publications**

- 2014 **The impact of an exchange rate realignment on the trade balance: Euro vs. national currency - Some preliminary results with a/simmetrie model of the Italian economy**, *a/simmetrie Policy Brief No. 1401*, (with A. Bagnai).
- 2012 **Macroeconomic forecast**, Chapter 3 in *Rapporto CER No. 4/2011*, pages 21-36.
- 2011 **The total factor productivity trend: an interpretation**, Chapter 3 in *Rapporto CER No. 3/2011*, pages 23-30.
- 2011 **The economic environment**, Chapter 5 in *Rapporto CER No. 2/2011*, pages 47-65.
- 2011 **The Chinese expansion**, Chapter 3 in *Rapporto CER No. 4/2010*, pages 21-36.
- 2010 **The economic environment**, Chapter 4 in *Rapporto CER No. 3/2010*, pages 29-46.
- 2010 **Macroeconomic forecast**, Chapter 5 in *Rapporto CER No. 2/2010*, pages 45-58.

### **Working and Teaching Experience**

- 2016–present **International Consultant**, *FAO, Food and Agriculture Organization of the United Nations*, Methodologist, developer and analyst of trade and agriculture domains.

- 2015–2016 **Postdoctoral research fellow**, *University of Chieti-Pescara, Department of Economics, Project: "L'asimmetria delle regole europee e la performance dell'economia italiana nell'Eurozona: un'analisi econometrica"* (*The asymmetry of European rules and the performance of the Italian economy within the Eurozone: an econometric analysis*; research director: Prof. Alberto Bagnai).
- 2014–2015 **Researcher**, *a/simmetrie, Italian association for the study of economic asymmetries*, Macroeconomic and econometric analysis (research director: Prof. Alberto Bagnai).
- 2013–2014 **Research assistant**, *Collegio Carlo Alberto, Project: "Policy Incentives for the Creation of Knowledge: Methods and Evidence (PICK-ME, funded by the European Commission, within the 7th Framework Programme; coordinator: Prof. Cristiano Antonelli)"*.
- 2012–2014 **Postdoctoral research fellow**, *Roma Tre University, Department of Economics, Project: "La condizione socioeconomica degli studenti dell'Ateneo Roma Tre nei modelli ISEEU e stima dell'evasione contributiva"* (*The socio-economic condition of Roma Tre University students in ISEEU models and an estimation of tax evasion*; research director: Prof. Antonio Di Majo).
- 2013–2015 **Teaching assistant**, *Statistical Methods for Finance (R laboratory)*, Roma Tre University (Prof. Maria Maddalena Barbieri).
- 2012–2015 **Teaching assistant**, *Statistics for Economics (R laboratory)*, Roma Tre University (Prof. Maria Maddalena Barbieri).
- 2012–2016 **Tutor**, *Political Economy*, UNINETTUNO University (Prof. Sergio Ginebri).
- 2010–2014 **Economic analyst**, *TrendSight*.
- 2012–2013 **"Cultore della materia"**, *Political Economy*, Roma Tre University (Prof. Sergio Ginebri).
- 2012 **Lecturer**, *Elements of Statistical Analysis with R*, Short course given at the Department of Economics of University of Rome "La Sapienza".
- 2010–2012 **Applied economist**, *CER Centro Europa Ricerche*, Macroeconomic forecasts and econometric analysis.
- 2010–2012 **Teaching assistant**, *Political Economy*, Roma Tre University (Prof. Sergio Ginebri).
- 2006–2009 **Teaching assistant**, *Econometrics (Module: "Macroeconometric model building with EViews")*, University of Rome "La Sapienza" (Prof. Alberto Bagnai).
- 2007–2009 **Graduate student assistant**, *Political Economy*, University of Rome "La Sapienza".

## Other Scientific Activities

### Conferences and Seminars

- o "Real sector and financial sector in models of the Italian economy", seminar organised by the Economics and Law Department, University of Cassino and Southern Lazio, 28 March 2018. Presentation: "The a/simmetrie model".
- o "XVII INFER Annual Conference" international conference, Luton (United Kingdom), 21–23 May 2015. Presentation: "'Asymmetric asymmetries" in the Eurozone markets Gasoline prices".
- o "Asymmetries in Europe: causes, consequences, remedies" international conference, Pescara (Italy), 27–28 April 2015. Presentation: "Price asymmetries in the European gasoline market".
- o "XVI INFER Annual Conference" international conference, Pescara (Italy), 29–31 May 2014. Presentation: "Short- and long-run asymmetries in the crude oil to petrol price transmission".
- o "XXIV Conference of the Italian Society of Public Economics", Pavia (Italy), 24–25 September 2012. Presentation: "Two years of pension reforms: the effects on government expenditure and the remaining open issues".
- o "The CER-CNEL pension forecast model: updates, improvements, first impact assessments of the new legislation", seminar organised by CNEL (Consiglio Nazionale dell'Economia e del Lavoro) and CER (Centro Europa Ricerche), Rome (Italy), 14 July 2012. Presentation: "Government expenditure forecasts, the model's potential, the impact of pension reforms 2010–2011".

- o “Competitiveness in Europe: Confronting Italy and Germany”, conference organised by Scuola Superiore Sant’Anna, Rome (Italy), 11–12 July 2011. Presentation: “Italy’s industrial tissue and the issue of total factor productivity”.
- o “After the crisis: The role of emerging Asian countries”, conference organised by Spi-CGIL, held at Perugia (Italy) on 2–3 September 2010. Presentation: “China’s growth: Reforms, supply and demand factors”.

### **Courses**

- o “Simulation of social and economic phenomena with NetLogo”, 6–10 May 2013; AISC, Italian Association of Cognitive Sciences, Rome (Italy).
- o “Summer school on counterfactual impact evaluation”, 2–12 September 2012; European Commission and Progetto Valutazione, Pracatinat-Turin (Italy).
- o “Sensitivity Analysis”, 2–3 May 2011; Ceris-CNR (National Research Council), Rome (Italy).
- o “Introduction to Bayesian statistics using simulation methods with R and WinBUGS”, 28–30 April 2008; Faculty of statistical sciences, University of Rome “La Sapienza”, Rome (Italy).
- o “Multivariate statistics with R”, 27–29 February 2008; Faculty of statistical sciences, University of Rome “La Sapienza”, Rome (Italy).
- o “Introduction to R”, 23, 24, 30 November and 1 December 2007; Faculty of statistical sciences, University of Rome “La Sapienza”, Rome (Italy).
- o “Time series econometrics”, 17–22 September 2007; CIDE (Centro Interuniversitario di Econometria), Bertinoro (Italy).
- o “Bayesian methods and econometrics”, 3–7 September 2007; IMATI-CNR (Institute of Applied Mathematics and Information Technology, National Research Council) and DEPMQ (Department of Economics and Quantitative Methods, University of Pavia), Pavia (Italy).
- o “Summer school in applied economics, programming in MATLAB”, 23–27 July 2007; Department of Economics and Quantitative Methods, University of Lecce (Italy).

### **Referee Activity**

- o Applied Economics. ISSN: 0003-6846 (Print), 1466-4283 (Online).
- o Eastern European Economics. ISSN: 0012-8775 (Print), 1557-9298 (Online).
- o Economia Politica. ISSN: 1120-2890 (Print), 1973-820X (Online).
- o Economic Change and Restructuring. ISSN: 1573-9414 (Print), 1574-0277 (Online).
- o Economic Geography. ISSN: 0013-0095 (Print), 1944-8287 (Online).
- o Estudios de Economía. ISSN: 0718-5286.
- o Heliyon. ISSN: 2405-8440.
- o PSL Quarterly Review. ISSN: 2037-3643.
- o Quantitative Finance and Economics. ISSN: 2573-0134 (Online).
- o Scientific Data. ISSN: 2052-4463 (Online).
- o South African Journal of Economics. ISSN: 0038-2280 (Print), 1813-6982 (Online).
- o Structural Change and Economic Dynamics. ISSN: 0954-349X.

### **Memberships**

- o AEA, American Economic Association. <https://www.aeaweb.org/>
- o INFER, International Network for Economic Research. <http://infer.info/>

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### **Grants**

- 2006–2009 **Ph.D. Scholarship**, *University of Rome “La Sapienza”*, 34,000 Euro.
- 2006 **Ph.D. Scholarship**, *Roma Tre University*, 34,000 Euro (declined because of incompatibility with subsequent enrollment in the Ph.D. program at “La Sapienza”).

## Interests

- o Econometrics
- o Economic modelling
- o Time series
- o International economics
- o Energy economics
- o Economic asymmetries
- o Statistical programming

## Languages

- Spanish (native)
- Italian (excellent)
- English (advanced)
- French (upper intermediate)
- Chinese (very basic standard Mandarin)

## Computer skills

Operating systems	Microsoft Windows, Linux, BSD	Statistics/ Econometrics	EViews, R, SPSS, Stata, MATLAB
Office suits	MS Office, Open/LibreOffice.org	Languages	Python, (X)HTML, CSS, PHP, JavaScript, L <sup>A</sup> T <sub>E</sub> X, shell (Bourne) and related UNIX standard utilities (e.g., sed, awk). Very basic C and Perl.

## Referees

- Prof. Alberto Bagnai, University of Chieti "Gabriele D'Annunzio"
- Carola Fabi, Food and Agriculture Organization of the United Nations (FAO)
- Prof. Sergio Ginebri, University Roma Tre

February 25, 2020