

GUILLERMO CARLOMAGNO

Banco Central de Chile

Agustinas 1180,
Santiago, Chile
P.C. 8340454

Tel.: +56 22 670 2000
gcarlomagno@bcentral.cl

FIELDS OF INTERESTS: Macroeconomics, Monetary Policy, Empirical Macroeconomics
International Finance, Macroeconomic forecasting, Time Series.

AFFILIATION

Banco Central de Chile, Economic Modelling Department
Head of International Analysis (Manager), 2023– Present

EDUCATION

University Carlos III of Madrid, Ph.D. in Business Economics and Quantitative Methods,
2016.

Dissertation: Discovering common features in a large set of disaggregates.
Methodology, modelling and forecasting.

PAST WORK EXPERIENCE

Head of Department–Short term macroeconomic analysis, *Central Bank of Chile*. 2022–2023

Head of Group–Prices and Financial Markets. *Central Bank of Chile*. 2020-2021.

Senior Economist. *Central Bank of Chile*. 2018-2020.

Senior Researcher and Consultant. *Center of Economic Research (CINVE -Uruguay)*. 2016 –
2018.

Researcher Assistant at *Flores de Lemus Institute, University Carlos III of Madrid*. 2013-2016.

Researcher Assistant and consultant. *Center of Economic Research (CINVE -Uruguay)*. 2006-
2010.

Accounting assistant. *SSL-Uruguay*. 2005-2006.

PUBLICATIONS

- [1] 2024. Disentangling demand and supply inflation shocks from electronic payments data. *Economic Modelling*, Vol. 141, 106871. With Nicolás Eterovic and Luis Hernadez.
- [2] 2023. A proposal for constructing and evaluating core inflation measures. *Latin American Journal of Central Banking*, Vol. 4 (3), 100094. With Jorge Fornero and Andrés Sansone

- [3] 2022. Trade wars and asset prices. *Journal of International Money and Finance*, Volume 124,102631. With Elías Albagli.
- [4] 2021. Discovering Specific Common Trends in a Large Set of Disaggregates: Statistical Procedures, their Properties and an Empirical Application. *Oxford Bulletin of Economics and Statistics*, 83: 641-662. With Antoni Espasa.
- [5] 2023. Inflation and Labour Markets in the Wake of the Pandemic: The Case of Chile. *Economic Policy Document N° 73, Central Bank of Chile*. With Pablo García and Lisette Briones.

WORKING PAPERS

- [1] 2024. Modelling high frequency non-financial big time series with an application to jobless claims in Chile. *Working paper N° 1023*, Central Bank of Chile. With Antoni Espasa.
- [2] 2023. Where is the Inflation? The Diverging Patterns of Prices of Goods and Services. *Working paper N° 969*, Central Bank of Chile. With Juan Wlasiwk, Gent Bajraj, Brian Pustlinik and Javier Ledezma.
- [3] 2018. Discovering pervasive and non-pervasive common cycles among a large set of disaggregates. *Working paper, Statistics and Econometrics series N° 2017-16*, University Carlos III of Madrid. With Antoni Espasa.
- [4] 2015. Forecasting a large set of disaggregates with common trends and outliers. *Working paper, Statistics and Econometrics series N° 15-18*, University Carlos III of Madrid. With Antoni Espasa.
- [5] 2010. El canal de crédito, evidencias para Uruguay desde una perspectiva macroeconómica. *Working paper N° 021-2010*, Banco Central del Uruguay. With Fernando Lorenzo and Bibiana Lanzilotta.
- [6] 2010. Transmisión de la política monetaria a través del crédito. Enfoques microeconómicos. *Working paper N° 022-2010*. Banco Central del Uruguay. With Fernando Lorenzo, Paula Garda and Bibiana Lanzilotta.
- [7] 2009. Asimetrías Macroeconómicas en los países MERCOSUR. *Estudios para el diálogo macroeconómico en el MERCOSUR, Grupo de Monitoreo Macroeconómico*. With Fernando Lorenzo and Bibiana Lanzilotta.
- [8] 2009. Fiscal sustainability in Uruguay an international crisis context. *Documento de Trabajo, Centro de Investigaciones Económicas (CINVE)*. With Daniel Egger and Gabriela Sicilia.
- [9] 2007. Los precios de las viviendas: un estudio agregado y comparado para algunos barrios de Montevideo. *Documento de Trabajo, Centro de Investigaciones Económicas (CINVE)*. With Adrián Fernandez.

WORK IN PROGRESS

- [1] Modelling commodity prices at the Central Bank of Chile. With Gustavo Gonzalez, Gabriel Zelpo and Maria Teresa Reszczynski.
- [2] Identifying Global and Local Drivers of Financial Conditions. With Elías Albagli and Javier Ledezma.
- [3] Bond Liquidity and Efficiency in Chile. With Alberto Naudon and Rodrigo Barria.

TEACHING

- 2019 - current. Economic Forecasting with Big Data (masters) at Universidad ORT, Uruguay.
- 2016-2018. Econometrics II (undergraduates) at Universidad ORT, Uruguay.
2016. Financial Econometrics (masters) at Universidad ORT, Uruguay
- 2012-2016. Econometrics II (undergraduates, TA) at Universidad Carlos III de Madrid.
- 2014-2014. Statistics I (undergraduates, TA) at Universidad Carlos III de Madrid.
- 2009-2010. Financial Series Analysis Techniques (TA) of Graduate School of Management Finance and Social Sciences, ORT University, Uruguay.
- 2009-2010. Statistics and Quantitative Methods (TA) of Graduate School of Management Finance and Social Sciences, ORT University, Uruguay.
- 2007-2010. Time Series Workshop (TA), ORT University Uruguay
2009. Lecturer in the Update Module in Financial Series Analysis of Graduate School of Management Finance and Social Sciences, ORT University
- 2006-2009. Economics I (TA) at Facultad de Ciencias Económicas y de Administración, “Universidad de la República”, Uruguay.
- 2007-2008 Macroeconomic forecasting techniques (TA), at Centro de Investigaciones Económicas (CINVE - Uruguay).
2008. Quantitative Methods for financial risk measurement (TA), at Centro de Investigaciones Económicas (CINVE - Uruguay).
2007. TA Quantitative Methods applied to business at Centro de Investigaciones Económicas (CINVE - Uruguay).

GRANTS, AWARDS AND HONORS

2022. Honorary Mention Winner of the 2022 Central Bank Award Rodrigo Gómez.
2017. Winner of the competitive research grant Maria Viñas Fund, sponsored by the Uruguayan National Agency of Research and Innovation.
2016. Young Investigator Research Prize awarded by Italian Econometric Association (SIDE) and the International Association of Applied Econometrics.
2016. Active member of the National System of Researchers of the Uruguayan National Agency of Research and Innovation (Sistema Nacional de Investigadores — ANII, Uruguay).
2013. Winner of the Econometric Game 2013 edition.

2012. Award to the best academic record and the special award of the Master in Business Economics and Quantitative Methods, University Carlos III.
2010. Scholarship to pursue Master's and PhD studies at University Carlos III.
2009. Winner of the Contest of articles based on undergraduate thesis organized by the Economics Institute of the Economics Faculty, Universidad de la República (Uruguay).

CONFERENCES AND TALKS

2024. XIX CEMLA Meeting of Heads of Monetary Policy, Mexico City.
2024. XIX FLAR Annual Economic Studies Conference, Cartagena, Colombia.
2024. Comments on Chapter 3 of the World Economic Outlook, Santiago, Chile.
2023. LACEA Conference, Bogotá.
2021. XXXIX Encuentro de Economistas, Lima Perú.
2019. Desarrollos recientes y herramientas para el análisis de la situación económica, organizado por el CEMLA. Madrid, España.
2018. 38th International Symposium on Forecasting. Boulder, Colorado.
2016. Annual Conference of the International Association of Applied Econometrics, Milan.
2016. 36th International Symposium on Forecasting. Santander, Spain.
2015. 40 Simposio de la Asociación de Economía Española. Girona, Spain.
2015. 35th International Symposium on Forecasting. Riverside, California.
2014. 15th OxMetrics Conference. London, UK.
2013. 2nd CIde Workshop for PhD students in Econometrics and Empirical Economics (WEEE). Perugia, Italy.
2013. First Meeting on Time Series Modeling and Computation, Madrid, Spain.
2013. 6th International Conference of the ERCIM WG on Computational and Methodological Statistics. London, UK.
2010. Economic Activity Leading Indicator. (ITAE - CINVE). Montevideo, Uruguay.
2009. Responsible for the Module "Effects in Uruguay. Perspectives "at the Seminar "Keys to Understanding the international crisis and its repercussions in Uruguay". At CINVE. Montevideo, Uruguay.
2009. Presentation of the paper "Asimetrías Macroeconómicas entre los países del Mercosur" at Macroeconomic Monitoring Group of the Mercosur network in the Central Bank of Uruguay.
- 2009 XXIV Annual Economics Conference of the Central Bank of Uruguay. "Sostenibilidad fiscal en Uruguay en un contexto de crisis internacional".
2009. XXIV Annual Economics Conference of the Central Bank of Uruguay "Efectos asimétricos de la crisis financiera internacional sobre las economías del MERCOSUR".
2009. 3th Academic Conference of the Institute of Economics UdelaR Comments to the paper "El mercado de trabajo uruguayo frente a la crisis internacional: apuntes para el análisis".

LANGUAGES: English (fluent), Spanish (native).

NATIONALITY: Uruguay /Italy.