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ACADEMIC POSITIONS

Professor of Economics, Northwestern University, September 2015-present
Associate Professor of Economics, Northwestern University, Sept. 2011-August 2015
Assistant Professor of Economics, Northwestern University, July 2004-August 2011

OTHER POSITIONS/AFFILIATIONS

Research Associate, NBER Monetary Economics Group, May 2012-present
Research Associate, NBER Economic Fluctuations and Growth Group, May 2012-present
Research Fellow, CEPR Monetary Economics and Fluctuations programme, July 2013-present
Research Fellow, CEPR Macroeconomics and Growth programme, July 2013-present
Consultant, Federal Reserve Bank of Chicago, September 2011-present
Research Visitor/Consultant, European Central Bank, January 2012-present

PAST POSITIONS/AFFILIATIONS

Co-Editor, American Economic Journal: Macroeconomics, April 2017-January 2022
Member, CEPR Euro Area Business Cycle Dating Committee, November 2014-September 2019
Visiting Professor, Department of Economics, Bocconi University, September 2013-April 2014
Visiting Assistant Professor, Department of Economics, New York University, January-June 2009
Visiting Assistant Professor, Department of Economics, New York University, January-June 2006

EDUCATION

Ph.D. in Economics, Princeton University, 2004
Thesis title: The Effect of Stabilization Policy in US Postwar Business Cycle Fluctuations
M.A. in Economics, Princeton University, 2001
Laurea in Economics (Summa cum laude), Bocconi University, Milan, Italy, 1998

PUBLISHED PAPERS

- “How to Estimate a VAR after March 2020,” with Michele Lenza,
Journal of Applied Econometrics, forthcoming.
- “The Mortgage Rate Conundrum,” with Alejandro Justiniano and Andrea Tambalotti,
Journal of Political Economy, 130(1), January 2022, 121-156.
- “Economic Predictions with Big Data: The Illusion of Sparsity,” with Domenico Giannone and Michele Lenza, *Econometrica*, 89(5), September 2021, 2409-2437.
- “What’s up with the Phillips Curve?” with Marco Del Negro, Michele Lenza and Andrea Tambalotti,
Brookings Papers on Economic Activity, Spring 2020, 301-357.
- “Priors for the Long Run,” with Domenico Giannone and Michele Lenza,
Journal of the American Statistical Association, 114:526, 2019, 565-580.
- “Credit Supply and the Housing Boom,” with Alejandro Justiniano and Andrea Tambalotti,
Journal of Political Economy, 127(3), June 2019, 1317-1350.
- “Comments on “A Unified Approach to Measuring u^* ,” by Crump, Giannoni, Eusepi and Sahin,”
Brookings Papers on Economic Activity, Spring 2019, 223-230.
- “A Simple Model of Subprime Borrowers and Credit Growth,” with Alejandro Justiniano and Andrea Tambalotti, *American Economic Review P&P*, 106(5), May 2016, 543-547.
- “Time-Varying Structural Vector Autoregressions and Monetary Policy: A Corrigendum,” with Marco Del Negro, *Review of Economics Studies*, 82(4), October 2015, 1342-1345.
- “Prior Selection for Vector Autoregressions,” with Domenico Giannone and Michele Lenza,
Review of Economics and Statistics, 97(2), May 2015, 412-435.
- “Household Leveraging and Deleveraging,” with Alejandro Justiniano and Andrea Tambalotti,
Review of Economic Dynamics, 18(1), January 2015, 3-20.
- “The Effects of the Saving and Banking Glut on the U.S. Economy,” with Alejandro Justiniano and Andrea Tambalotti, *Journal of International Economics*, 92, Supplement 1 (NBER International Seminar on Macroeconomics), April 2014, S52-S67.
- “Comment on “Non-Inflationary Demand Driven Business Cycles,” by Beaudry and Portier,”
NBER Macroeconomic Annual 2013, 131-143.
- “Is There a Trade-Off Between Inflation and Output Stabilization?” with Alejandro Justiniano and Andrea Tambalotti, *American Economic Journal: Macroeconomics*, 5(2), April 2013, 1-31.
- “Learning the Wealth of Nations,” with Francisco J. Buera and Alexander Monge-Naranjo,
Econometrica, 79(1), January 2011, 1-46.
- “Investment Shocks and the Relative Price of Investment,” with Alejandro Justiniano and Andrea Tambalotti, *Review of Economic Dynamics*, 14(1), January 2011, 101-121.
- “Investment Shocks and Business Cycles,” with Alejandro Justiniano and Andrea Tambalotti,
Journal of Monetary Economics, 57(2), March 2010, 132-145.

- “Measuring the Equilibrium Real Interest Rate,” with Alejandro Justiniano,
Federal Reserve Bank of Chicago Economic Perspectives, 34(1), 1st quarter 2010, 14-27.
- “Inflation-Gap Persistence in the U.S.,” with Timothy Cogley and Thomas J. Sargent ,
American Economic Journal: Macroeconomics, 2(1), January 2010, 43-69.
- “Heterogeneous Life-Cycle Profiles, Income Risk and Consumption Inequality,” with Thijs van Rens,
Journal of Monetary Economics, 56(1), January 2009, 20-39.
- “The Time Varying Volatility of Macroeconomic Fluctuations,” with Alejandro Justiniano,
American Economic Review, 98(3), June 2008, 604-641.
- “Why Inflation Rose and Fell: Policymakers’ Beliefs and US Postwar Stabilization Policy,”
Quarterly Journal of Economics, 121, August 2006, 867-901.
- Comments on “Monetary Policy under Uncertainty in Micro-Founded Macroeconometric Models,”
NBER Macroeconomics Annual 2005, 289-296.
- “Time Varying Structural Vector Autoregressions and Monetary Policy,”
Review of Economic Studies, 72(3), July 2005, 821-852.
- “Debt Maturity and the Reaction and Performance of Monetary Policy,” (with Carlo A. Favero and
Alessandro Missale) in Alec Chrystal (eds.) *Debt Structure and Monetary Conditions*, Bank of
England and Mac Millan Press, 1999.

WORKING PAPERS AND WORK IN PROGRESS

- “Macroeconomic Forecasting in the Time of COVID-19,” with Andrea Tambalotti, June 2020.
- “What’s up with the Inflation and the Business Cycle after the COVID-19 Shock?” with Marco Del Negro,
Michele Lenza and Andrea Tambalotti, June 2020
- “Inequality and Business Cycles,” with Florin Bilbiie and Andrea Tambalotti, in progress.

OLDER WORKING PAPERS

- “Intertemporal Disturbances,” with Ernst Schaumburg and Andrea Tambalotti, April 2006.
- “Inequality over the Business Cycle: Estimating Income Risk using Micro-Data on Consumption,” with
Thijs van Rens, October 2004.
- “A Purely Econometric Approach to Forecasting Asset Returns and Portfolio Allocation,” September
2001.
- “Recursive ‘Thick’ Modeling of Excess Returns and Portfolio Allocation,” with Marco Aiolfi and Carlo A.
Favero, IGER Working paper n.197, May 2001.

FELLOWSHIPS and HONORS

- Alfred P. Sloan Research Fellowship, 2010-2012

Susan Schmidt Bies Award in Economics, 2009-2010, 2011-2012
Keynote speaker, Padova Macro Talks, Padova, Italy, May 2021.
Keynote speaker, Global Economy Meeting, Banque de France, virtual, November 2020
Inaugural Wealth of Nations Lecture, Edinburgh Business School and Heriot-Watt University, virtual, October 2020
Invited session, Econometric Society European Meeting, Manchester, UK, August 2019
Keynote speaker, Georgetown Center for Economic Research Biennial Conference, Washington, DC, May 2019
Invited lecture on Methods and Advances in Macro-Finance, 13th Macro-Finance Society Workshop, Evanston, May 2019
Keynote speaker, 8rd Italian Congress of Econometrics and Empirical Economics, Lecce, January 2019
Keynote speaker, 3rd Annual Conference of the International Association for Applied Econometrics, Milan, June 2016
Keynote speaker, 9th Rimini Bayesian Econometrics Workshop, Rimini, June 2015
Invited lecture, Economic Policy Research Network Conference, Copenhagen, June 2015
Keynote speaker, Central Bank Macroeconomic Modeling Workshop, Bank of Italy, Rome, October 2014
Keynote speaker, Quantitative Macroeconomics Workshop, Reserve Bank of Australia, Sydney, December 2012
Plenary speaker, 7th Dynare conference, Atlanta, September 2011
Invited lecture, Far East and South Asia Meeting of the Econometric Society, Tokyo, August 2009
Honorable mention for the Zellner Thesis Award, Journal of Business and Economic Statistics, 2005
Princeton University Graduate Fellowship, 1999-2004
Ente Einaudi Fellowship, 2000-2001

EDITORIAL POSITIONS

Co-Editor, *American Economic Journal: Macroeconomics*, April 2017-January 2022
Associate editor, *Review of Economic Studies*, October 2016-March 2017
Associate editor, *Econometrica*, July 2013-January 2017
Associate editor, *Journal of Monetary Economics*, January 2010- January 2017
Associate editor, *Journal of Applied Econometrics*, January 2011- March 2017
Associate editor, *Journal of the European Economic Association*, January 2009-December 2014
Associate editor, *Review of Economic Dynamics*, July 2009-June 2013

SERVICE AND PROFESSIONAL INVOLVEMENT

Visitor, Einaudi Institute for Economics and Finance, May and June 2014
Consultant, European Central Bank, July 2007, July 2009 and June 2010
Visiting Assistant Professor, University of Chicago, Graduate School of Business, January 2005-June 2005 (one day a week)

Departmental special advisor, Monetary and Financial Analysis Department, Bank of Canada, May 2007

Visiting scholar, Federal Reserve Bank of New York, April 2004 and March 2009 – June 2009, May 2017 and 2018

Visiting scholar, Federal Reserve Bank of Atlanta, March 2006

Visiting scholar, Federal Reserve Bank of Philadelphia, March 2009, April 2010, September 2012 and 2018

Program committee, Annual Congress of the European Economic Association, 2007-2014

Program committee, Annual Meeting of the Society for Economic Dynamics, 2008-2012

Program committee, Sixth Italian Congress of Econometrics and Empirical Economics, 2015

Program committee, Annual Conference of the International Association for Applied Econometrics, 2014, 2015 and 2016

Program committee, World Congress of the Econometric Society, 2015

Co-organizer (with Jesus Fernandez-Villaverde and Frank Schorfheide) of conference: “Empirical Methods and Applications for Dynamic Stochastic General Equilibrium Models,” Federal Reserve Bank of Cleveland, October 14-15, 2005, October 24-25, 2006 and October 12-13, 2007, October 10-11, 2008; Federal Reserve Bank of Atlanta, October 1-2, 2010 and October 12-13, 2012; Federal Reserve Bank of Philadelphia, October 9-10, 2009, October 14-15, 2011, October 11-12, 2013, October 16-17, 2015, October 6-7, 2017 and October 4-5, 2019; and Federal Reserve Bank of Chicago, October 17-18, 2014 and October 14-15, 2016

Organizer of conference on “Housing and Household Debt,” Evanston, November 2015

Co-organizer (with Ellen McGrattan) of NBER Economic Fluctuations and Growth Research Meeting, San Francisco, February 2016.

Program chair, 5th Annual Conference of the International Association for Applied Econometrics, Montreal, June 2018

Co-organizer (with David Berger) of NBER Monetary Economics Research Meeting, Chicago, March 2019.

Co-organizer (with Guido Lorenzoni and Dimitris Papanikolaou), 13th Macro-Finance Society Workshop, Evanston, May 2019

Program committee, 30th EC² conference on Identification in Macroeconomics, Oxford, December 2019

Referee for *American Economic Review*, *American Economic Journal: Macroeconomics*, *B.E. Journal of Macroeconomic*, *Econometrica*, *Economic Inquiry*, *Economic Journal*, *European Economic Review*, *International Economic Review*, *International Journal of Central Banking*, *International Review of Economics and Finance*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Econometrics*, *Journal of Economic Dynamics and Control*, *Journal of Labor Economics*, *Journal of Monetary Economics*, *Journal of Money, Credit, and Banking*, *Journal of Political Economy*, *Journal of the European Economic Association*, *Quarterly Journal of Economics*, *Review of Economic Dynamics*, *Review of Economics and Statistics*, *Review of Economic Studies*, *Studies in Nonlinear Dynamics & Econometrics*

PRESENTATIONS

Seminars at Princeton University (2003, 2006, 2010, 2015, 2018), Federal Reserve Bank of New York (2004), University of Chicago (2004, 2008, 2009, 2010, 2015, 2018), Northwestern University (2004, 2005, 2017), Harvard University (2004), University of Pennsylvania (2004), University of Michigan (2004, 2014), Columbia University (2004, 2009, 2010, 2014), Federal Reserve Board (2004, 2008, 2012, 2015, 2018), University of California, San Diego (2004, 2006, 2021), Federal Reserve Bank of Atlanta (2004, 2006, 2017), Bocconi University (2004, 2006, 2008, 2014), Bank of Italy (2004, 2017), European Central Bank (2005, 2007, 2009, 2011, 2013), Federal Reserve Bank of Chicago (2005, 2007), Johns Hopkins University (2005, 2009, 2016), Sveriges Riksbank (2005), Ohio State University (2005), University of Houston (2006, 2017), New York University (2006, 2009, 2018), MIT (2006), Humboldt University (2006), University of California, Los Angeles (2006), Federal Reserve Bank of St. Louis (2006, 2021), Federal Reserve Bank of Philadelphia (2006, 2009, 2018), University of Lecce (2006), Bank of Portugal (2006), Universitat Pompeu Fabra (2006, 2012), University of Maryland (2006, 2014), University of Montreal (2007), Federal Reserve Bank of San Francisco (2007, 2008, 2018), Bank of Canada (2007, 2012, 2019), Federal Reserve Bank of Kansas City (2007, 2015), Duke University (2007, 2011, 2019), Università Cattolica, Milano (2007), University of California, Santa Cruz (2008), International Monetary Fund (2008), University of Wisconsin (2008), Federal Reserve Bank of Minneapolis (2008), Indiana University (2008, 2017, 2021), Penn State University (2008), Cornell University (2008, 2016), Bank of England (2008, 2014, 2020), Texas A&M (2008, 2021), University of California, Davis (2008), University of California, Irvine (2008), University of California, Berkeley (2008), Collegio Carlo Alberto (2008), Rutgers University (2009), Bank of Japan (2009), Yale University (2009, 2013), Stanford University (2009, 2011), Tilburg University (2009), Bank of France (2009), Central Bank of Ireland (2009), Toulouse School of Economics (2009, 2013), Universitat Autònoma de Barcelona (2009, 2014), National Bank of Belgium (2010), ULB-ECARES (2010), University of Toronto (2010), Norges Bank (2010), London Business School (2010), Queen's University (2010), University of Wisconsin at Milwaukee (2010), Federal Reserve Bank of Cleveland (2012), Reserve Bank of Australia (2012), LUISS University (2013), Sapienza University (2013), University of Warwick (2013), Università Bicocca (2013), University of Bonn (2013), CERGE-EI (2013), European University Institute (2014), Erasmus School of Economics (2014), CEMFI (2014), Graduate Institute (2014), Bilkent University (2014), EIEF (2014), London School of Economics (2014), Michigan State University (2015), University of Texas at Austin (2015), Federal Reserve Bank of Richmond (2015), UQAM (2015), Bank of Mexico (2015), Bundesbank (2018, 2020), HEC Montreal (2018), Federal Reserve Bank of Dallas (2018), University of Copenhagen (2018), Boston College (2018), Wharton (2010, 2019), University of Illinois at Urbana-Champaign (2019), University of Southern California (2019), Northern Illinois University (2019), Central Bank of Peru (2020), DePaul University (2021), Carleton University (2021), PUC Chile (2021)

North America Summer Meeting of the Econometric Society, Evanston, IL, June 2003

Annual Congress of the European Economic Association, Stockholm, Sweden, August 2003
Workshop on Dynamic Macroeconomics, Milan, Italy, December 2003, 2005 and 2007
NBER Summer Institute, Monetary Economics Workshop, Cambridge, July 2004
NBER Economic Fluctuations and Growth Research Meeting, Cambridge, July 2004 and 2008
NBER Macroeconomic Annual Conference, Cambridge, April 2005
Annual Meeting of the Society for Economic Dynamics, Budapest, Hungary, June 2005
Annual Meeting of the Royal Economic Society, Nottingham, April 2006
New York Area Workshop on Monetary Policy, New York, May 2006
Annual Meeting of the Society for Economic Dynamics, Vancouver, Canada, July 2006
NBER Summer Institute, Forecast & Empirical Methods in Macro & Finance Group, Cambridge, July 2006
Annual Meeting of the American Economic Association, Chicago, January 2007
CIREQ Conference on Recent Development in Optimal Monetary Policy, Montreal, May 2007
Center for International Economics and Development conference on Monetary Policy and the
Monetary Transmission Mechanism in Open Economies, Hong Kong, June 2007
Annual Meeting of the Society for Economic Dynamics, Prague, Czech Republic, June 2007
Cleveland Fed Conference on Empirical methods and Applications for DSGE models, Cleveland,
October 2005, 2006 and 2007
CREI conference on How Much Structure in Empirical Models? Barcelona, November 2007
Carnegie-Rochester Conference on Public Policy, Rochester, April 2008
Texas Monetary Conference, May 2008
European Summer Symposium on International Macroeconomics, Tarragona, Spain, May 2008
Banco de Portugal Conference on Monetary Economics, Faro, June 2008
Bank of Italy conference on DSGE Models in the Policy Environment, Rome, June 2008
CEDERS conference on The Euro Area, the Euro and the World Business Cycle, Aix en Provence, July 2008
Annual Meeting of the Society for Economic Dynamics, Cambridge, MA, July 2008
ERID Conference on Identification, Duke University, October 2008
NBER Monetary Economics Group Meeting, March 2009
Annual Meeting of the Society for Economic Dynamics, Istanbul, July 2009
Far East and South Asia Meeting of the Econometric Society, Tokyo, August 2009
Annual Meeting of the Royal Economic Society, Guildford, March 2010
Cemmap workshop on Applied Macroeconomics and Macroeconometrics, London, April 2010
Norges Bank conference on Recent Developments in the Econometrics of Macroeconomics and Finance,
Venastul, Norway, June 2010
Annual Meeting of the Society for Economic Dynamics, Montreal, July 2010
NBER Summer Institute, Forecast & Empirical Methods in Macro & Finance Group, Cambridge, July 2010
EABCN conference on Advances in Business Cycle Research - Directions Since the Crisis, Brussels,
December 2010
Macroeconomic Conference, Asheville, NC, May 2011
European Summer Symposium on International Macroeconomics, Gerzensee, Switzerland, June 2011
Annual Meeting of the Society for Economic Dynamics, Gent, Belgium, June 2011
Conference in honor of Thomas Sargent and Christopher Sims, Minneapolis Fed, May 2012
Annual Meeting of the Society for Economic Dynamics, Limassol, Cyprus, June 2012

North America Summer Meeting of the Econometric Society, Evanston, IL, June 2012
Conference in honor of Christopher Sims, Princeton, NJ, October 2012
NBER Summer Institute, Dynamic Equilibrium Models Workshop, Cambridge, July 2013
Workshop on Macroeconomics, Financial Frictions and Asset Prices, Pavia, October 2013
Review of Economic Dynamics Conference on Money, Credit, and Financial Frictions, St. Louis,
December 2013
Padova Macroeconomic Meetings, Padova, January 2014
Conference on Aggregate Fluctuations: Causes and Consequences, Ortigia, Italy, June 2014
10th Csef-Igier Symposium on Economics and Institutions, Anacapri, Italy, June 2014
NBER Summer Institute, Impulse and Propagation Workshop, Cambridge, July 2014
25th EC² Conference on Advances in Forecasting, Barcelona, December 2014
ECB Conference on Nonlinearities in macroeconomics and finance in the light of crises, Frankfurt,
December 2014
Applied Time Series Econometrics Workshop 16, St. Louis Fed, April 2015
8th Bank of Portugal Conference on Monetary Economics, Lisbon, June 2015
NBER Summer Institute, Forecast & Empirical Methods in Macro & Finance Group, Cambridge, July 2015
Annual Meeting of the American Economic Association, Chicago, January 2016
ECB Conference on Forecasting Techniques, Frankfurt, May 2016 and June 2018
Conference on New Developments in Business Cycle Analysis, Rome, June 2016
NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics, Philadelphia, April 2016
NBER-NSF Seminar on Bayesian Inference in Econometrics and Statistics, St. Louis, April 2017
Conference on Macroeconomic Issues after the Crisis, Monopoli, Italy, June 2017
Annual Meeting of the Society for Economic Dynamics, Edinburgh, Scotland, June 2017
NBER Summer Institute, Forecast & Empirical Methods in Macro & Finance Group, Cambridge, July 2017
NBER Summer Institute, Impulse and Propagation Workshop, Cambridge, July 2017
Salento Macro Meetings, Galatina, Italy, August 2017
LACEA-LAMES, Buenos Aires, Argentina, November 2017
ASSA meetings, Philadelphia, January 2018
ECB Conference on Forecasting Techniques, Frankfurt, June 2018
5th Annual Conference of the International Association for Applied Econometrics, Montreal, June 2018
12th International Conference on Computational and Financial Econometrics, Pisa, December 2018
First Annual Joint Research Day at the NY Fed, New York City, February 2019
First Dolomiti Macro Meetings, Castelrotto, Italy, June 2019
Brookings Papers on Economic Activity Spring Conference, Washington, DC, March 2020
Renmin University of China School of Finance Workshop on Post-Crisis Monetary and Financial Issues,
virtual, June 2020
ECB/WGEM Workshop on Nowcasting and Forecasting during the COVID Crisis, virtual, September 2020
2020 Conference on Real-Time Data Analysis, Methods and Applications, virtual, September 2020
14th International Conference on Computational and Financial Econometrics, virtual, December 2020
Salento Macro Meetings, Lecce, Italy, August 2021
1st Ventotene Workshop in Macroeconomics, Ventotene, Italy, September 2021

TEACHING

Money and Banking (undergraduate, 2005-2012, 2014, 2015)
Intermediate Macroeconomics (undergraduate, 2010-2013, 2016-2021)
Applied Time Series Econometrics / Applied Macroeconomics (2nd year Ph.D. students, 2005-2021)
Short Course on Bayesian Inference in Dynamic Econometric Models (European Central Bank, June 2005)
Short Course on Bayesian Inference in DSGE Models (Bank of Canada, May 2007)
Short Course on Bayesian Inference in DSGE Models (Central Bank of Ireland, November 2009)
Euro Area Business Cycle Network (EABCN) Training School on Bayesian Inference in Macroeconomic Models (National Bank of Belgium, December 2010)
Short Course on Bayesian Inference in DSGE Models (Central Bank of Turkey, June 2011)
Training School on Bayesian Inference in Macroeconomic Models (Pavia, Italy, June 2012)
Lectures on Time Series Econometrics at AEA Continuing Education Program (San Diego, January 2013)
Short Course on Bayesian Inference in Macroeconomic Models (Georgetown University, December 2017)
SoFiE Financial Econometrics Summer School on Big Data in Macroeconomics and Finance (Brussels, June 2018)
Short Course on Big Data in Macroeconomics and Finance (Central Bank of Argentina, October 2018)
Euro Area Business Cycle Network (EABCN) Training School on Inference in Macro Models: From Big Data to Structural Analysis (Universitat Pompeu Fabra, June 2019)
Short course on Macroeconomic Forecasting with Big Data (European central Bank, September 2019)
Short course on Inference in Macro Models: From Big Data to Structural Analysis (Swiss National Bank, February 2020)
Short course on Inference in Macro Models (LUISS Guido Carli, June 2021)

PH.D. ADVISING (current job)

Andrea Ajello (Federal Reserve Board)
Riccardo Bianchi-Vimercati (PIMCO)
Josh Davis (PIMCO)
Husnu Dalgic (University of Mannheim)
Reinout De Bock (International Monetary Fund)
Thiago Ferreira (Federal Reserve Board)
Jonathan Huntley (Congressional Budget Office)
Cosmin Ilut (Duke University)
Benjamin Johannsen (Federal Reserve Board)
Matthias Kehrig (University of Texas at Austin)
Tim Lin (Gettysburg College)
Victor Luo (Stevens Institute)
Chiara Maggi (IMF)

Giacomo Magistretti (IMF)
Hugh Montag (BLS)
Brian O'Quinn (The Heritage Foundation)
Luigi Paciello (Einaudi Institute for Economics and Finance)
Nicolas Vincent (HEC Montreal)
Ludovico Zaraga (CPP Investment Board)