



MAY 2017

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Dartmouth College  
Economics Department  
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## EDUCATION

- 2000 Ph.D., Economics, Harvard University  
Dissertation: *An Uncertainty-Driven Theory of the Productivity Slowdown*  
Committee: Robert Barro (chair)  
Philippe Aghion  
Elhanan Helpman  
John Leahy
- 2000 M.A., Economics, Harvard University  
1995 B.A., Economics, Universitat Pompeu Fabra (Barcelona, Spain)

## Other Education, Summer School

- 1997 Santa Fe Institute  
1996 European University Institute (EUI) Florence  
1994 London School of Economics

## ACADEMIC APPOINTMENTS

- 2014- Professor of Economics, Dartmouth College
- 2007 - 2014 Associate Professor of Business Administration, Harvard Business School
- 2000 – 2007 Assistant Professor of Economics, New York University
- 2013/14 Visiting Professor, Harvard University, Economics Department
- Fall 2012 Visiting Associate Professor, Sloan School of Management

## PROFESSIONAL ACTIVITIES

2016	Consultant for Microsoft Corp.
2016-2018	Scientific Head “A Framework for the Analysis of Research and Adoption and their Macroeconomic Effects” (FRAME)
2016	Consultant to the Ministry of Higher Education and Science, Denmark
2015-2016	Lead Academic Expert in DG Research and Innovation Study in Deloitte-Rand Consortium for the EU Commission
2015-	Consultant, European Central Bank
2014 - 2015	Advisor of the Public-Private Research Network, PPRN Malaysia
2015	Co-Founder of the Malaysian PPRN
2013 - 2015	Advisor, Prime Minister of Malaysia
2014	Consultant and Visiting Scholar, Bank of Japan
2011 -	Research Fellow, Center for Economic Policy Research (CEPR)
2011 – 2014	Fellow, Weatherhead Center for International Affairs, Harvard University
2011-	Expert Witness
2007-2008	Consultant, Finance Ministry of the Japanese Government (ESRI)
2004 -	Faculty Research Fellow, National Bureau of Economic Research, Economic Fluctuations & Growth Group
2006 -2007	Consultant, The World Bank, Washington, DC
2004 -2005	Consultant, Federal Reserve Bank of New York, NY
2004	Consultant for Smith Barney/Citibank, New York, NY

## AWARDS AND HONORS

2016	Speaker in the Congressional Budget Office bi-annual meeting on “The Cyclical dynamics of Productivity Growth”
2016	Keynote Speaker at “Economic Growth and Business Cycle: Integrating the Two Perspectives”
2015	Co-Founder of the Public-Private Research Network, PPRN Malaysia
2013	Speaker, “If Technology has Arrived Everywhere, Why Has Income Diverged?”, World Economic Forum, New Champions Meeting, Dalian, China

- 2013 Keynote Speaker at V ZEW/MaCCI Conference on the Economics of innovation and Patenting
- 2013 Apgar Award for Innovation in Teaching for the *Malaysia IXP*
- 2011 Keynote Speaker at Future Challenges of Economic Research Conference on “R&D, Innovation and Growth.” Danish Agency for Science, Technology and Innovation
- 2009 Keynote Speaker at Dynamics of Institutions and Markets/DIME European Network of Excellence on “The Dynamics of Firm Evolution: From Micro-patterns to Aggregate Behavior”
- 2009 Keynote speaker at Internationale Weiterbildung und Entwicklung gGmbH/InWEnt Conference on “Promoting Innovation”
- 1995 Premio Especial Extraordinario, Universitat Pompeu Fabra (Barcelona, Spain)

## FELLOWSHIPS AND GRANTS

- 2016-2018 Horizon 2020 grant “A Framework for the Analysis of Research and Adoption and their Macroeconomic Effects” (FRAME)
- 2013-2016 NSF Grant # SBE-1262249 (SciSIP), *Dynamics of Technology and Income*
- 2013-2015 Institute of New Economic Thinking Grant, *Innovation Systems: Positive and Normative Perspectives*
- 2012-13 SEEK Fellowship, *Why do Governments Fund Applied Research Institutions? Theory and Empirical Evidence from the German Fraunhofer Institutes*
- 2010-12 Institute of New Economic Thinking, Inaugural Grantee, *Drivers and Consequences of Technology Diffusion*
- 2009-2011 Gates Foundation Grant, *The Development of the Tourism Sector in Tanzania*
- 2007-2010 NSF Grant # SBE-738101 (SciSIP), *Innovation and Technology Implementation: Theory and Policy Implications* (Joint with Bart Hobijn)
- 2007 Berkley Center’s Entrepreneurship and Innovation Kaufman Research Grant
- 2006 Berkley Center’s Entrepreneurship and Innovation Kaufman Research Grant (Joint with Sydney Ludvigson)
- 2005-2007 NSF Grant # SES-0742957, *An Extensive Dataset on Historical Cross-Country Adoption* (Joint with Bart Hobijn)
- 2004 Goddard Fellowship
- 1995-2000 Real Colegio Complutense
- 1999 Dissertation Completion Fellowship, Harvard University

## RESEARCH

### Journal Articles

- (1) Comin, Diego and Marti Mestieri. "If Technology Has Arrived Everywhere, Why Has Income Diverged?" mimeo. Accepted subject to revisions at the *American Economic Journal: Macroeconomics*.
- (2) Aghion, Philippe, Diego Comin, Peter Howitt, and Isabel Tecu. "When Does Domestic Saving Matter for Economic Growth?" *IMF Economic Review*, (January, 2016).
- (3) Comin, Diego, Norman Loayza, Farooq Pasha, and Luis Servén. "Medium Term Business Cycles in Developing Countries." *American Economic Journal: Macroeconomics* Vol. 6, no. 5 (October 2014): 209-45.
- (4) Comin, Diego, and Bart Hobijn. "How Early Adoption Has Increased Wealth – Until Now." *Harvard Business Review* 90, no. 3 (March 2012): 34-35.
- (5) Comin, Diego, and Bart Hobijn. "Technology Diffusion and Postwar Growth." *NBER Macroeconomics Annual* 25, no. 1 (2010), eds. Daron Acemoglu and Michael Woodford, The University of Chicago Press, pp. 209-246.
- (6) Comin, Diego, and Bart Hobijn. "An Exploration of Technology Diffusion." *The American Economic Review* 100, no. 5 (December 2010): 2031-2059.
- (7) Comin, Diego, William Easterly, and Erick Gong. "Was the Wealth of Nations Determined in 1000 B.C.?" *American Economic Journal: Macroeconomics* 2, no. 3 (2010): 65-97.
- (8) Comin, Diego, and Sunil Mulani. "A Theory of Growth and Volatility at the Aggregate and Firm Level." *Journal of Monetary Economics* 56, no. 8 (November 2009): 1023-1042.
- (9) Comin, Diego, and Bart Hobijn. "Lobbies and Technology Diffusion." *Review of Economics and Statistics* 91, no. 2 (May 2009): 229-244.
- (10) Comin, Diego, Bart Hobijn, and Emilie Rovito. "Technology Usage Lags." *Journal of Economic Growth* 13, no. 4 (December 2008): 237-256.
- (11) "On the Integration of Growth and Business Cycles." *Empirica* 36, no. 2 (May 2009): 165-176.
- (12) Comin, Diego, Erica Groshen, and Bess Rabin. "Turbulent Firms, Turbulent Wages?" *Journal of Monetary Economics* 56, no.1 (January 2009): 109-133.
- (13) Carbonell, Oriol, and Diego Comin. "Testing the Commitment Hypothesis in Contractual Settings: Evidence from Soccer." *Journal of Quantitative Analysis in Sports* 5, no. 4, article 1 (October 2009).
- (14) Comin, Diego, Bart Hobijn, and Emilie Rovito, "A New Approach to Measuring Technology with An Application to the Shape of the Diffusion Curves." *Journal of Technology Transfer* 33, no. 2 (April 2008): 187-207.
- (15) Comin, Diego, and Mark Gertler. "Medium-Term Business Cycles." *The American Economic Review* 96, no. 3 (June 2006): 523-551.
- (16) Comin, Diego, and Sunil Mulani. "Diverging Trends in Aggregate and Firm Volatility." *Review of Economics & Statistics* 88, no. 2 (May 2006): 374-383.

- (17) “Using Investment Data to Assess the Importance of Price Mismeasurement.” *B.E. Journals of Macroeconomics: Topics in Macroeconomics* 6 no.1, Article 7 (April 2006): 1-44.
- (18) Comin, Diego, and Thomas Philippon. “The Rise in Firm-Level Volatility: Causes and Consequences.” *NBER Macroeconomics Annual* 20 (2005), eds. M. Gertler and K. Rogoff, The University of Chicago Press, pp. 167-201.
- (19) “R&D: A Small Contribution to Productivity Growth.” *Journal of Economic Growth* 9, no. 4 (December 2004): 391-421.
- (20) Comin, Diego, and Bart Hobijn. “Cross-Country Technology Adoption: Making the Theories Face the Facts.” *Journal of Monetary Economics* 51 (January 2004): 39-83.
- (21) “Convergence in Health: Dream or Reality?” *Gaceta Sanitaria* 11, no. 1 (January-February 1997): 33-42.

## Books

- (1) “Macroeconomics” Oxford University Press, forthcoming 2020
- (2) “Malaysia Beyond 2020” UTM Press, 2014.
- (3) “Drivers of Competitiveness” World Scientific Publishing, 2016.

## Book Chapters

- (1) “Technology Diffusion: Measurement, Causes and Consequences” in *Handbook of Economic Growth*, edited by Philippe Aghion and Steven Durlauf. Elsevier (2014), pp. 565-622.
- (2) “An Exploration of the Japanese Slowdown during the 1990s” in *Japan’s Bubble, Deflation, and Long-term Stagnation*, edited by Koichi Hamada, Anil Kashyap and David Weinstein, The MIT Press (2011).

## Comments and Other Publications

- (1) “Total Factor Productivity” in *The New Palgrave Dictionary of Economics*, Second Edition, eds. Steven N. Durlauf and Lawrence E. Blume, Palgrave Macmillan, New York (2008).
- (2) “Discussion of M. Weitzman’s Stochastic Income and Wealth.” *Japan and the World Economy*, 16, no. 3 (August 2004): 303-305.
- (3) “The Harrod-Domar Model” in *An Eponymous Dictionary of Economics*, eds. C.R. Braún and Julio Segura, Edward Elgar Publishing, Ltd, Cheltenham, UK (2004): 105.
- (4) Comment to *Technology Adoption Costs and Productivity Growth: The 70s as a Technological Revolution* by James Bessen, *Review of Economic Dynamics* 5, no. 2 (April 2002): 470-476.

## Working Papers

- (1) Comin, Diego, Mark Gertler, and Ana Maria Santacreu. “Technology Innovation and Diffusion as Sources of Output and Asset Price Fluctuations.” Harvard Business School Working Paper No. 09-134. Revise and resubmit at the *Journal of Political Economy*.

- (2) Comin, Diego, Danial Lashkari, and Marti Mestieri. “Structural Change with Long-Run Income and Price Effects”. Revise and resubmit *Econometrica*
- (3) Comin, Diego, and Bart Hobijn. “Implementing Technology.” NBER Working Paper No. 12886 (February 2007). Revise and resubmit at the *Journal of Economic Theory*.
- (4) Anzoategui, Diego, Diego Comin, Mark Gertler and Joseba Martinez. “Endogenous R&D and Technology Adoption as Sources of Business Cycle Persistence” mimeo (2015).
- (5) Comin, Diego, Mikhail Dmitriev, and Estaban Rossi-Hansberg. “The Spatial Diffusion of Technology.” (November 2012).
- (6) Comin, Diego and Johannes Rode (2013). “From Green Users to Green Voters” mimeo (May 2013)

## **Dataset**

- (1) Comin, Diego, and Bart Hobijn. “The CHAT Dataset.” NBER Working Paper No. 15319 (August 2009).

## **Case Study Materials**

- (1) Comin, Diego, Diana Dimitrova, and Yukiko Tsukamoto. “CoET: Innovation in Africa.” Harvard Business School case 713-021 (2012) 14 pp.
- (2) Comin, Diego, Rohan Gopaldas, and Diego Rehder. “Inkaterra.” Harvard Business School case 713-022 (2012) 23 pp.
- (3) Comin, Diego A., Mohamed Heikal, and Adam Said. “Egypt: Turbulence, and Transition?” Harvard Business School case 713-014 (2012) 26 pp.
- (4) Comin, Diego A., Maurice Kuykendoll, and Maurice Williams. “Malaysia: Standing on a Single Leaf.” Harvard Business School case 713-007 (2012) 16 pp.
- (5) “Malaysia IXP.” Harvard Business School teaching note 712-041 (March 2012) 19 pp.
- (6) “Drivers of Productivity and Global Competitiveness.” Harvard Business School module note 712-037 (February 2012; Rev: 2012) 29 pp.
- (7) Comin, Diego, and Richard H.K. Vietor. “South Africa (A) Stuck in the Middle?” Harvard Business School case 711-084 (April 2011; Rev: 2011) 28 pp.
- (8) Comin, Diego, and Richard H.K. Vietor. “South Africa (B) Getting Unstuck?” Harvard Business School case 711-085 (April 2011) 4 pp.
- (9) Comin, Diego, J. Gunnar Trumbull, and Kerry Yang. “Fraunhofer: Innovation in Germany.” Harvard Business School case 711-022 (March 2011; Rev: 2012) 34 pp.
- (10) Comin, Diego, and J. Gunnar Trumbull. “Fraunhofer: Five Significant Innovations.” Harvard Business School note 711-058 (March 2011; Rev: 2012) 18 pp.
- (11) Comin, Diego, and J. Gunnar Trumbull. “Fraunhofer: Innovation in Germany.” Harvard Business School teaching note 711-063 (2011; Rev: 2012) 32 pp.
- (12) “Business Cycles and the New Challenges of Globalization.” Harvard Business School module note 711-064 (2011) 14 pp.
- (13) “Peru IXP.” Harvard Business School teaching note 711-027 (September 2010) 18 pp.

- (14) Comin, Diego, and Richard H.K. Vietor. “China “Unbalanced.” Harvard Business School case 711-010 (July 2010; Rev: 2012) 27 pp.
- (15) Comin, Diego, and Richard H.K. Vietor. “China Unbalanced.” Harvard Business School teaching note 711-028 (September 2010; Rev: 2012) 32 pp.
- (16) Abraham, John, and Diego Comin. “Malaysia: People First?” Harvard Business School case 710-033 (April 2010; Rev: 2011) 34 pp.
- (17) “Malaysia: People First?” Harvard Business School teaching note 711-035 (2010) 23 pp.
- (18) Comin, Diego, Dante Roscini, and Elisa Farri. “Central Europe after the Crash: Between Europe and the Euro.” Harvard Business School note 710-047 (April 2010) 19 pp.
- (19) Comin, Diego, and Richard H.K. Vietor. “China: Getting Richer Still.” Harvard Business School case 710-050 (2010) 12 pp.
- (20) “Spain: Can the House Resist the Storm?” Harvard Business School case 709-021 (January 2009; Rev: 2012) 35 pp.
- (21) “Spain: Can the House Resist the Storm? (TN).” Harvard Business School teaching note 710-026 (October 2009; Rev: 2012) 28 pp.
- (22) “The Great Moderation, Dead or Alive?” Harvard Business School note 709-023 (January 2009; Rev: 2011) 16 pp.

**PRESENTATIONS** [Numbers indicate number of presentations at each institution]

Harvard University [10], Princeton, Cornell, Columbia [2], Brown [2], Yale [2], Penn State, University of Pennsylvania, London Business School, Ohio State, Arizona State University, Duke, Maryland, University of Rochester [2], University of Houston , Rice University, UCLA, NYU [6], Boston College [3], UC-San Diego, Buffalo, University of Toronto, Rotman school of Management, University of Tokyo, Madison-Wisconsin, Catholic University of Lisbon, Portugal, Universitat Pompeu Fabra/UPF Spain [2], Institute for International Economic Studies/IIES Stockholm, Universitat Autònoma de Barcelona/UAB, Harvard Business School [3], Stanford Business School, Chicago Graduate School of Business, Stern School of Business [7], Wharton, INSEAD [2], Università Bocconi, University of Milano-Bicocca, Centre for European Economic Research/ZEW [2], Economic Fluctuations & Growth/ EFG Meeting [2], National Bureau of Economic Research/NBER [13], Society for Economic Dynamics/SED [3], NY FED [5], Boston FED, San Francisco FED [3], Richmond FED [2], Midwestern Macro Conference at Chicago FED, Instituto Tecnológico Autónomo de México/ITAM-BBVA Conference [3], Paris School of Economics [2], EUI [2], International Monetary Fund/IMF, American Economic Association/AEA Meetings [4], The World Bank [3], World Bank Conference in Innovation Policy at UPF Spain, Bank of Spain, Bank of Portugal, Swiss National Bank/SNB Research Conference, CREI-WB Conference on Macroeconomic Volatility, Minnesota Macro Workshop [2], Iowa Conference on IO, ECB/IMOP Workshop at Hydra, Greece, Chaire en Economie et Management de l’Innovation/CEMFI, Center for Economic and Policy Research/CEPR Business Cycles Group, CEPR Conference on Growth and Institutions at INSEAD France, European Summer Symposium in International Macroeconomics/ESSIM /CEPR [4], Einaudi Institute for Economics and Finance/EIEF [2], World Bank [4], IMF [2], Board of Governors [2], European Central Bank [2], Future Challenges of Economic Research Conference in Copenhagen.

**Referee**            All major economic journals

Thesis Advisor and Examiner:

Marti Mestieri, PhD 2011 (Toulouse School of Economics)

Ana Maria Santacreu, PhD 2009 (INSEAD)

Marc Siscart, PhD 2004 (Queen's University)

Parama Chaudurhi, PhD 2003 (Dartmouth College)

Oriol Carbonell, PhD 2002 (Rutgers University)

Helios Herrera, PhD 2002 (Instituto Tecnológico Autónomo de México/ITAM)

Hyunbae Chun, PhD 2001 (Queens College)