

# DIRK PILAT

## CURRICULUM VITAE

### GENERAL INFORMATION

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Ivie (The Valencian Institute of Economic Research)  
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### CURRENT POSITION

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- Associate Researcher, Ivie (The Valencian Institute of Economic Research) (since July 2022).

### EDUCATION

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- PhD in Economics, University of Groningen (1993)
- Masters in Economics, University of Groningen (1988)

### PROFESSIONAL BACKGROUND

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- Deputy Director, OECD Directorate for Science, Technology and Innovation (since January 2013 until June 2022).
- Head, Structural Policy Division, OECD Directorate for Science, Technology and Innovation (February 2009-December 2012).
- Head, Science and Technology Policy Division, OECD Directorate for Science, Technology and Innovation (January 2006-January 2009).
- Senior Economist, Economic Analysis and Statistics Division, OECD Directorate for Science, Technology and Industry (July 2000-December 2005).
- Senior Analyst, Science and Technology Policy Division, Directorate for Science, Technology and Industry (May 1997-July 2000).
- Economist, Resource Allocation Division, OECD Economics Department (February 1994-May 1997).
- Research Associate, Economics Faculty, University of Groningen (June 1988-November 1993).

## PUBLICATIONS

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### ARTICLES

- Pilat, D. (2024). «Climate change and productivity: an exploration». *International Productivity Monitor* n.º 47 (otoño): 54-86.
- Van Ark, B. and D. Pilat (2024). «Productivity Drivers and Pro-Productivity Policies: G-20 Economies, India and South Korea». *Indian Economic Review* 59: 95-121.
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- Pilat, D. (2023). «The rise of pro-productivity institutions: A review of recent developments». *International Productivity Monitor* n.º 44 (spring): 3-33.
- Cervantes, M., C- Criscuolo, A. Dechezleprêtre and D. Pilat (2023). «Fostering innovation for climate neutrality». *VoxEU.org*. Column (June).
- Pilat, D. (2021). “Digital Transformation & Innovation: the Impacts of Covid-19”. *Japan Spotlight* (July/August): 11-14.
- Pilat, D. (2021). “Welvaart vraagt om andere focus in digitaliseringsbeleid”. *Economisch Statistische Berichten* 106 (August): 4800S.
- Pilat, D. and M. Squicciarini (2021). “Transformative Technologies & Jobs of the Future”. *Japan Spotlight* (November/December): 8-11.
- Pilat, D. and C. Criscuolo (2017). “The Future of Productivity - what contribution can digital transformation make?”. *Policy Quarterly* 14, No 3 (August): 10-16.
- Pilat, D. and F. Galindo-Rueda (2016). “De la Investigacion a la Innovacion”. *Información Comercial Española, ICE: Revista de economía* No 888 (January-February): 11-32.
- Andrews, D., C. Criscuolo and D. Pilat (2015). “The Future of Productivity - Improving the Diffusion of Technology and Knowledge”. *DIGIWORLD ECONOMIC JOURNAL* No 100 (4th quarter): 85-105.
- Pilat, D. (2007). “Global Trends in R&D Spending”. *Nos in Science and Technology* 24, No. 1 (September): 85-88.
- Pilat, D. and Y. Fukasaku (2007). “OECD Principles and Guidelines for Access to Research Data from Public Funding”. *Data Science Journal* 6 (June): 4-11.
- Pilat, D. (2006). “Policies for a more dynamic Services Sector”. *Wirtschaftspolitische Blätter* No. 3: 389-404.
- Pilat, D. (2006). “De Economische Effecten van ICT”. *Economisch Statistische Berichten* 91, No. 4494 (September).
- Pilat, D. (2005). “Assessing the Productivity of the UK Retail Sector – Some Further Reflections”. *International Review of Retail, Distribution and Consumer Research*, July, 15(3):

291-296.

- Pilat, D. (2005). "Canada's Productivity Performance in International Perspective". *International Productivity Monitor* No 10 (Spring): 24-44.
- Pilat, D. (2005). "Growth Differentials in OECD Countries: Some Reflections". *International Economics and Economic Policy* 2, No 1 (June): 1-6.
- Pilat, D. (2005). "Arbeitsmarktregulierung en economische dynamiek". *Economisch Statistische Berichten* (February): 90-91.
- Pilat, D. (2005). "Services – A Sleeping Giant". *OECD Observer* No. 249 (May): 17-20.
- Pilat, D. (2004). "The ICT Productivity Paradox: Insights from Micro Data". *OECD Economic Studies* No 2004/1: 37-65.
- Pilat, D. (2004). "Encore des Reserves de Croissance dans la High-Tech". *Societal* No. 45 (3e Trimestre).
- Pilat, D. and P. Schreyer (2004). "The OECD Productivity Database – An Overview". *International Productivity Monitor* No 8 (Spring): 59-65.
- Pilat, D. and A. Wölfl (2004). "ICT and Economic Growth: New Evidence from International Comparisons". *Master of Business Administration*. No 1/2004: 26-38.
- Pilat, D., N. Ahmad and P. Schreyer (2004). "Measuring ICT Diffusion in OECD Countries". *Économie Internationale* No. 98: 11-34.
- Pilat, D. (2003). "Digital Economy: Going for Growth". *OECD Observer* No. 237 (May): 15-17.
- Pilat, D., F. Lee and B. van Ark (2002). "Production and use of ICT: A sectoral perspective on productivity growth in the OECD area". *OECD Economic Studies* No. 35: 47-78.
- Pilat, D. (2002). "Making the New Economy Work" *EMERGO* 9 No. 2.
- Pilat, D. (2002). "Innovation in the New Economy" *ISUMA Canadian Journal of Policy Research* 3, No. 1: 54-61.
- Pilat, D. (2001). "Productivity Growth in the OECD Area: Some Recent Findings". *International Productivity Monitor* No 3 (Fall): 32-43.
- Paul Schreyer and D. Pilat (2001). "Measuring Productivity". *OECD Economic Studies*. No. 33: 127-170.
- Pilat, D. (2000). "No Longer Services as Usual". *The OECD Observer* (November).
- Pilat, D. and J. Guinet (1999). "Promoting Innovation: Does it Matter". *The OECD Observer* (August).
- Pilat, D. (1998). "The Economic Impact of Technology". *The OECD Observer* No. 213 (August/September): 5-8.
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- Pilat, D. (1998). "The Impact of Competition on Productivity". *Wirtschaftspolitische Blätter* 45, No. 1: 38-47. Wirtschaftskammer, Austria.

- Blondal, S. and D. Pilat (1997). "The Economic Benefits of Regulatory Reform". *OECD Economic Studies* No. 28 (1997/I): 7-48. Paris: OECD Publishing.
- Pilat, D. (1997). "Competition, Productivity and Efficiency". *OECD Economic Studies* No. 27 (1996/II): 107-146. Paris: OECD Publishing.
- Oliveira Martins, J., S. Scarpetta and D. Pilat (1997) "Mark-up Pricing, Market Structure and the Business Cycle". *OECD Economic Studies* No. 27 (1996/II): 71-105. Paris: OECD Publishing.
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- Høj, J., T. Kato and D. Pilat (1996). "Deregulation and Privatisation in the Service Sector". *OECD Economic Studies* No. 25 (1995/II): 37-74. Paris: OECD Publishing.
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- Prasada Rao, D.S., W.F. Shepherd and D. Pilat (1995). "Real Output and Productivity in Australian Manufacturing: An International Perspective". *Australian Bulletin of Labour* 21, No. 2 (June): 123-150.
- Prasada Rao, D.S., E.A. Selvanathan and D. Pilat (1995). "Generalized Theil-Tornqvist Indices with Applications to International Comparisons of Prices and Real Output". *Review of Economics and Statistics* 76, No. 2 (May): 352-360.
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- Pilat, D. (1994). "Comparaisons Internationales des Productivités: Une Introduction". *Économie Internationale* No. 60 (4e Trimestre): 11-32.
- Pilat, D. and B. van Ark (1994). "Competitiveness in Manufacturing - A Comparison of Germany, Japan and the United States". *Banca Nazionale de Lavoro Quarterly Review* (June): 167-186.
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## CONTRIBUTIONS TO BOOKS

- Pilat, D. (2017). “The Digital Economy”. In *La Nueva Revolución de la Producción: La Transformación Digital*. Madrid: Fundación Ramón Areces: 23-29.
- Pilat, D. and A. Nolan (2016). “Benefiting from the Next Production Revolution”. in Patrick Love (ed.). *Debate the Nos: New Approaches to Economic Challenges*. Paris: OECD Publishing: 118-121. doi: <http://dx.doi.org/10.1787/9789264264687-22-en>.
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- Dutz, M. A., Y. Kuznetsov, E. Lasagabaster and D. Pilat (2014). “Making innovation policy work: The benefits and lessons of experimental innovation policy”. In A. Mark, K. Yevgeny, E. Lasagabaster and D. Pilat (eds.). *Making Innovation Policy Work: Learning from Experimentation*, Chapter 1: 19-33. Paris: OECD Publishing.
- Andrews, D., C. Criscuolo, P. Gal and D. Pilat (2014). “Entrepreneurship and Business Dynamics in the Netherlands - Learning from Experimentation”. In *Entrepreneurship in the Netherlands - The Top Sectors*. Zoetermeer: Panteia BV: chapter 4, 71-95.
- Pilat, D. (2010). “The OECD Innovation Strategy. Towards an agenda for policy action on innovation”. In L. Elg and J. Leijten (eds.). *New Economic Ground for Innovation Policy*. Cultiva Libros: 153-171.
- Pilat, D., K. De Backer, E. Basri, S. Box and M. Cervantes (2009). “The development of global innovation networks and the transfer of knowledge”. in V. Chandra, D. Eröcal and P. C. Padoan (eds.). *Innovation and Growth - Chasing a Moving Frontier*. Chapter 5 Paris: OECD Publishing; Washington DC: International Bank for Reconstruction and Development/The World Bank.
- Guellec, D. and D. Pilat (2008). “Productivity Growth and Innovation in OECD”. In OECD, *Productivity Measurement and Analysis*. Paris: OECD Publishing: chapter 2: 41-60.

- De Backer, K. and D. Pilat (2008). "Introduction and Synthesis". Chapter 1, in OECD, *Staying Competitive in the Global Economy – Compendium of Studies on Global Value Chains*. Paris: OECD Publishing: 13-36.
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- Pilat, D. (2007). "Productividad en Los Servicios a Empresas". In L. Rubalcaba and H. Kox (eds.). *Los Servicios a Empresas en el Crecimiento Economico Europea*, Chapter: 3. Madrid: Fundacion Rafael del Pino.
- Ahmad, N., F. Lequiller, P. Marianna, D. Pilat, P. Schreyer and A. Wölfl (2007). "Comparing Growth in GDP and Labour Productivity: Measurement Nos". In C. Gilbert, M. Fouquin, H.-W. Sinn (eds.). *Divergences in Productivity Between Europe and the United States*. Edward Elgar: chapter 1, 11-24.
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- Pilat, D. (2005). "Introduction and Synthesis". In OECD/RIETI. *Enhancing the Performance of the Services Sector*. Paris: OECD Publishing: 9-26, <https://doi.org/10.1787/9789264010307-en>.
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- Pilat, D. and A. Wyckoff (2005). "The Impacts of ICT on Economic Performance: An International Comparison at Three Levels of Analysis". In W.H. Dutton, B. Kahin, R. O'Callaghan and A.W. Wyckoff. *Transforming Enterprise*. MIT Press: 77-109.
- Pilat, D. (2004). "Introduction and Summary". In OECD. *The Economic Impacts of ICT – Measurement, Evidence and Implications*. Paris: OECD Publishing: 7-17.
- Pilat, D. and A. Devlin (2004). "The state of ICT diffusion". In OECD. *The Economic Impacts of ICT – Measurement, Evidence and Implications*. Paris: OECD Publishing: 19-36.
- Pilat, D. and A. Wölfl (2004). "The role of the ICT-producing and ICT-using industries in aggregate productivity growth". In OECD. *The Economic Impacts of ICT – Measurement, Evidence and Implications*. Paris: OECD Publishing: 85-104.

- Pilat, D. (2004). "The OECD Growth Study: Implications for the Netherlands". In G. Gelauff, L. Klomp, S. Raes and T. Roelandt (eds.). *Fostering Productivity: Patterns, Determinants and Policy Implications*, Contributions to Economic Analysis 263. Elsevier Science: 283-301.
- Nicoletti, G. and D. Pilat (2004). "Réglementation et performance du secteur des services". In P. Cahuc and M. Debonneuil (eds.). *Productivité et emploi dans le tertiaire*. Conseil de Analyse Économique, Rapport No. 49: 191-204.
- Pilat, D. (2004). "The impacts of ICT on Economic Growth – An Overview". *European Information Technology Observatory 2004*: 234-251.
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- Pilat, D. (2003). "Why regulation matters". *WSIS 2003*, official publication of the International Telecommunication Union and Agenda Publishing for the World Summit on the Information Society: 84-85.
- Pilat, D. (2003). "The economic impact of ICT on firms and economies". *WSIS 2003*, official publication of the International Telecommunication Union and Agenda Publishing for the World Summit on the Information Society: 12-20.
- Pilat, D. (2003). "Innovating and investing to raise Europe's growth potential". In *Economic Growth and New Sources of Growth: Challenges and Perspectives*. Ministry of Economy and Finance. Hellenic Presidency of the European Union: 156-159.
- Pilat, D. (2002). "Le rôle du changement technique dans les formes récentes de la croissance". In J.P. Touffut (ed.). *Institutions et Innovation*. Paris: Albin Michel: 161-202.
- Pilat, D. (2002). "The Long-term Performance of the Japanese Economy": In A. Maddison, D.S. Prasada Rao and W. Shepherd (eds.). *The Asian Economies in the Twentieth Century*. Edward Elgar.
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## WORKING PAPERS

- Pilat, D. (2024). «Climate change and productivity: exploring the links». Productivity Insights Paper n.º 032. Manchester: The Productivity Institute.
- Van Ark, B., K. de Vries and D. Pilat (2023). «Are pro-productivity policies fit for purpose? Productivity drivers and policies in G-20 economies». Working Paper n.º 038. Manchester: The Productivity Institute.
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Recent trends at the aggregate and sectoral levels”. OECD Economics Department Working Paper No. 248. Paris: OECD Publishing.

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#### **KEY OECD PUBLICATIONS (main author, editor or major contributor)**

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- OECD (2003). *ICT and Economic Growth: Evidence from OECD Countries, Industries and Firms*. Paris: OECD Publishing.
- OECD (2003). *Seizing the Benefits of ICT in a Digital Economy*, report to the 2003 Ministerial Council Meeting. Paris: OECD Publishing.
- OECD (2001). *The New Economy: Beyond the Hype - The OECD Growth Project*, report to

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- OECD (2000). *A New Economy? The Changing Role of Innovation and Information Technology in Growth*. Paris: OECD Publishing.
- OECD (2000). *Science, Technology and Industry Outlook 2000*. Paris (editor and project manager).
- OECD (1998). *Science, Technology and Industry Outlook 1998*. Paris (editor and project manager).
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## PROJECTS

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- La productividad y la competitividad en España: evolución y perspectivas. Informe OPCE 2025. Fundación BBVA. PR: Matilde Mas, Francisco Pérez, Juan Fernández de Guevara and Dirk Pilat. 2024-.
- La productividad en España: evolución y perspectivas 1995-2023. Informe OPCE 2024". PR: Matilde Mas, Francisco Pérez, Juan Fernández de Guevara and Dirk Pilat. Fundación BBVA. 2023-2024.
- El comportamiento de la productividad en España 1995-2022. Informe OPCE 2023. PR: Matilde Mas, Francisco Pérez, Juan Fernández de Guevara and Dirk Pilat. Fundación BBVA. 2022-2023.

## PAPERS PRESENTED AT CONGRESSES/INVITED CONFERENCES

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- Conference *Climate Change, Productivity and Innovation*. Productivity in a Changing World Seminar Series, New Zealand Treasury, Wellington (online), 23 November 2023.
- Paper *The Global Productivity Stagnation: What Pro-Productivity Policies Can Help to Restore Growth?*, co-authored with Bart van Ark and Klaas de Vries. Productivity Revolutions, Past and Future, Arthur Lewis Lab Conference #3. Organized by Manchester School and The Productivity Institute, Manchester. 16 June 2023.
- Paper *Pro-Productivity Institutions: A Review of Analysis and Policy Recommendations*. New Zealand Productivity Commission, Wellington (online). 7 March 2023.
- Paper *Pro-Productivity Institutions: A Review of Analysis and Policy Recommendations*. OECD Productivity, Innovation and Entrepreneurship Seminars, Paris, 16 February 2023.
- Paper *The Future of Productivity: Insights from Productivity Commissions*. Arena Ide. Stockholm. Sweden, 8 February 2023.
- Paper *Pro-Productivity Institutions: A Review of Analysis and Policy Recommendations*. Austrian Productivity Board, Vienna, Austria, 1 February 2023.

- Paper *Pro-Productivity Institutions: A Review of Analysis and Policy Recommendations*. The Productivity Institute, Manchester. UK, 25 January 2023.

## OTHER MERITS

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### ACADEMIC AWARDS

- Winner of Masayoshi Ohira Memorial Prize 1996 (Tokyo, Japan) for *The Economics of Rapid Growth: The Experience of Japan and Korea*.
- Third Prize, J.W. Kendrick Prize 1993, for third best article in "The Review of Income and Wealth".
- First Prize, J.W. Kendrick Prize 1990, for best article in "The Review of Income and Wealth" in 1990, together with A. Szirmai.

### EDITORIAL ROLES

- Referee for *Economic Journal*, *Review of Income and Wealth*, *Journal of Development Economics*, *Journal of Comparative Economics*, *Economie Internationale*, *Journal of Japan and the International Economies*, *Journal of Economic Growth*, *Oxford Economic Papers*, *Comparative Economic Studies*, *Journal of Economic Surveys*, *World Bank Economic Review*.
- Member editorial board *OECD Economic Studies* (1998-2010).
- Member editorial board *Review of Income and Wealth* (1998-2005).

### OTHER ROLES

- Member, UK Productivity Commission (from September 2021).
- Member, National Competitiveness and Productivity Council, Ireland (since October 2019).
- Rathenau Institute, Netherlands, Board member (2016-2017).
- WIFO, Austria, Board member (2008-2009).