

Curriculum Vitae

CONTACT INFORMATION	Name	Klaus Prettner
	Address	Welthandelsplatz 1, building D4, floor 2 1020 Vienna, Austria
	Phone	+43 1 31336 6586
	Email	klaus.prettner@wu.ac.at
PERSONAL INFORMATION	Date of Birth	November 27, 1982
	Citizenship	Austrian
	Family Status	Married, one child
PRESENT AND PAST ACADEMIC POSITIONS	09/2020-	Professor of Economics (Macroeconomics and Digitalization) Vienna University of Economics and Business (WU), Vienna, Austria.
	01/2021-	Project Leader (Economic Consequences of Population Decline – ECOPOD) Austrian Academy of Sciences, Vienna, Austria.
	10/2015-09/2020	Professor of Economics (Growth and Distribution) University of Hohenheim, Stuttgart, Germany.
	09/2014-09/2015	Assistant Professor of Economics (Dynamic Macroeconomics) Vienna University of Technology, Vienna, Austria.
	05/2012-08/2014	Assistant Professor of Economics (Macroeconomics and Development) University of Göttingen, Germany.
	09/2010-08/2014	Lecturer (Dynamic Macroeconomics) Vienna University of Technology, Vienna, Austria.
	10/2009-05/2012	Postdoctoral Researcher (Population Economics) Austrian Academy of Sciences, Vienna, Austria (on leave during 03/2011-02/2012).
	03/2011-02/2012	Postdoctoral Research Fellow (Population Economics) Harvard University, Cambridge, MA, USA.
	03/2008-09/2009	Research Assistant (Population Economics) Austrian Academy of Sciences, Vienna, Austria.
OTHER PROFESSIONAL ACTIVITIES	03/2017-	Fellow , Global Labor Organization (GLO).
	02/2017-	Member of the Field Committee on Population Economics , German Economic Association.

	10/2016-	External Affiliate , Centre for Health Research at the Management School, Queen's University of Belfast, UK.
	04/2016-	External Fellow , Laboratory on Finance and Growth, University of Milan, Italy.
	01/2015-	Associate Editor , The Journal of the Economics of Ageing.
	01/2017-09/2020	Speaker of the Research Network "Inequality and Economic Policy Analysis" (INEPA) , University of Hohenheim.
EDUCATION	11/2014	Habilitation in Mathematical Economics Vienna University of Technology, Austria.
	07/2009	Ph.D. in Economics with distinction, University of Vienna, Austria.
	07/2007	M.Sc. in Statistics with distinction, University of Vienna, Austria.
	10/2006	M.Sc. in Economics University of Vienna, Austria.
GRANTS	2017-2021	Inequality and Economic Policy Analysis , Research focus of the Faculty of Business, Economics and Social Sciences at the University of Hohenheim, main applicant (143,500 EUR).
	2018	Prioritizing Governmental Expenditures , Harvard Ministerial Leadership Program, PI for the Hohenheim part (31,200 USD).
	2013-2014	Women's Health and Economic Development , Harvard School of Public Health, MA, USA, PI for the Göttingen part (10,000 USD).
	2011-2012	Demography and Long-Run Economic Growth Perspectives , Max Kade Foundation, NY, USA, individual grant (51,200 USD).
AWARDS	2021	Best Paper Award 2020 , Faculty of Mathematics and Geoinformation at the Vienna University of Technology.
	2010	Young Economist Award 2010 , Austrian Economic Association.

2009	Epainos Award, European Regional Science Association.
2009	Young Economist Award 2009, Austrian Economic Association.

TEACHING

1.) Vienna University of Economics and Business:

International Macroeconomics (Lecture, B.Sc. Level)
 Advanced Macroeconomics (Lecture, B.Sc. Level)
 Macroeconomic Models and Methods (Lecture, M.Sc. Level)
 Master's Thesis Conference (Seminar, M.Sc. Level)
 Research Seminar in Micro- and Macroeconomics (Seminar, Ph.D. Level)
 Advanced Topics in Macroeconomics (Lecture, Ph.D. Level)

2.) University of Hohenheim (past):

Economic Growth (Lecture, B.Sc. Level)
 New Economy, Technology, and Employment (Lecture, B.Sc. Level)
 Structural Change and Inequality (Lecture, B.Sc. Level)
 Structural Change and Employment (Seminar, B.Sc. Level)
 Economic Aspects of the Bioeconomy (Lecture, M.Sc. Level)
 Economics of Inequality (Lecture, M.Sc. Level)
 Advanced Economic Growth (Lecture, M.Sc. Level)
 Optimization in Economic Theory (Lecture, M.Sc. Level)
 Selected Topics in Inequality and Growth (Seminar, M.Sc. Level)
 Doctoral Seminar in Theoretical and Empirical Economics (Seminar, Ph.D. Level)
 Advanced Topics in Macroeconomics (Lecture, Ph.D. Level)

3.) University of Aarhus (past):

Quantitative Solution of Endogenous Growth Models (Lecture, Ph.D. Level)

4.) Vienna University of Technology (past):

Project in Economics (Project, B.Sc. Level)
 Microeconomics (Lecture+Exercises, B.Sc. Level)
 The Economic Consequences of Population Aging (Seminar, B.Sc. Level)
 Dynamic Macroeconomics I (Lecture+Exercises, M.Sc.+Ph.D. Level)
 Dynamic Macroeconomics II (Seminar, M.Sc.+Ph.D. Level)

5.) University of Göttingen (past):

Advanced Macroeconomics (Lecture+Exercises, M.Sc. Level)
 Open Economy Macroeconomics (Lecture+Exercises, M.Sc. Level)
 New Developments in International Economics (Seminar, M.Sc. Level)
 Macroeconomics (Exercises, B.Sc. Level)
 Economics of the Very Long Run (Seminar, B.Sc. Level)
 Death and Development (Seminar, B.Sc. Level)

6.) Queen's University of Belfast (past):

Modeling Innovation-Based Economic Growth: A Macro Perspective (One-Day Lecture, M.Sc. Level)

THESES
SUPERVISION

I have supervised 5 PhD theses as first or second supervisor and participated in the dissertation committees of 14 further PhD students either as a referee or as an examiner. In addition, I have supervised 20 MA theses and 37 BA theses.

CONSULTING AND
SHORT-TERM
CONTRACTS

- Harvard Ministerial Leadership Program (Theory-Based Empirical Assessment of Growth-Promoting Governmental Spending Programs; 2018),
- Harvard School of Public Health (Analyzing the Contribution of Women's Health to Economic Development; 2012-2014),
- Harvard School of Public Health and World Economic Forum (Estimating the Global Economic Burden of Non-communicable Diseases; 2011),
- Austrian Institute of Economic Research (Designing and Maintaining a Quarterly Forecasting Model for the Austrian Economy; 2007, 2009),
- Vienna University of Technology (Writing a Survey on Demographic Change in Models of Endogenous Economic Growth, 2008),
- Austrian National Bank (Assessing the Effects of the Full Opening of the Austrian Labor Market to EU-8 Citizens, 2007).

SELECTED
MEDIA
COVERAGE

- BBC World Business Report, November 24, 2021: "Austria enters new coronavirus lockdown"
- Die Furche, November 4, 2021: "Covid hat gezeigt, was möglich ist"
- Kurier, September, 30, 2021: "Corona: Situation wird sich im Herbst und Winter verschlechtern"
- ZIB-2, September 14, 2021: "Kosten der Pandemie"
- Wiener Zeitung, June 9, 2021: "Warum Kurzarbeit der Erholung schadet"
- The Guardian Nigeria, May 18, 2021: "Countries closer to equator have up to 33 per cent less COVID-19 infections"
- Modern Ghana, May 14, 2021: "Countries closer to the equator have up to 33% less COVID infections"
- The Herald, May 13, 2021: "Coronavirus: Why warmer countries may experience fewer case"
- MDR Wissen, May 12, 2021: "Corona, Je näher am Äquator, desto weniger Infektionen"
- The Jerusalem Post, May 1, 2021: "Coronavirus affected by warm temperatures, may follow a seasonal path"
- Live Science, April 30, 2021: "Novel coronavirus really is seasonal, study suggests"
- Wiener Zeitung, April 21, 2021: "Kein Job in Aussicht"
- Wiener Zeitung, January 1, 2021: "Wer zahlt die Schulden?"
- Wiener Zeitung, October 8, 2020: "Die Corona-Profiteure"
- Wiener Zeitung, September 11, 2020: "Europäische Geldpolitik in der Sackgasse"
- IT.Zoom, May 11th, 2020: "Von der Fließbandkraft zum Selbsthilfe-Guru?"
- Wiener Zeitung, May 3rd, 2020: "Pensionsroulette"
- IT.Zoom, April 27th, 2020: "Die automatische Transformation"
- Springer Professional, March 31st, 2020: "Automatisierung führt zu gesellschaftlicher Ungleichheit"

- Wiener Zeitung, March 26th, 2020: “Im Würgegriff des Virus”
- Die Presse, November 16th, 2019: “Verkehrsunfälle belasten die Volkswirtschaft”
- News 24, October 29th, 2019: “Un monde vieillissant a besoin de plus de robots inventifs”
- Wiener Zeitung, October 16th, 2019: “Was Verkehrsunfälle kosten”
- Handelsblatt, October 16th, 2019: “Studie: Unfälle im Straßenverkehr kosten Deutschland viele Milliarden”
- ORF.at, October 16th, 2019: “So teuer kommen Verkehrsunfälle”
- Harvard Business Manager 06/2019: “Reshoring. Von Fachkräften und Robotern”
- Forbes India, February 22nd, 2019: “Ten interesting things we read this week”
- The Economist, February 14th, 2019: “Grandma’s little helper. An ageing world needs more resourceful robots”
- Gabon Media Time, January 21st, 2019: “Gabon: les femmes, un atout de développement économique”
- Stuttgarter Zeitung, January 14th, 2019: “Wenn warmes Essen zum Luxus wird”
- Le Monde, November 15th, 2018: “Robots ou travailleurs immigrés?”
- Der Spiegel, September 29th, 2018: “Einmal China und zurück”
- Oxford Business Group, July 11th, 2018: “Emerging markets prepare for opportunities and challenges of next industrial revolution”
- SWR – Landesschau Baden-Württemberg, June 27th, 2017: “Grundeinkommen: diese Modelle gibt es”
- Die Welt, June 5th, 2016: “Volksabstimmung: Die Diskussion über Grundeinkommen fängt erst an”
- Frankfurter Allgemeine Zeitung, June 5th, 2016: “Volksabstimmung: Schweiz stimmt über Grundeinkommen ab”
- The Atlantic, August 6th, 2015: “\$500 Million Is a Small Price to Pay for Women’s Health”
- Reason, February 8th, 2014: “Is U.S. Economic Stagnation Inevitable? Economic doom through aging, ignorance, inequality, debt and technological stagnation”
- Foreign Policy, January 2nd, 2013: “The Baby Menace. Are we too worried about falling fertility rates?”
- Neue Zürcher Zeitung, January 15th, 2008: “Ängste Österreichs vor der EU-Freizügigkeit. Notenbank sieht kaum Beeinträchtigung für heimische Beschäftigte”

REFEREING

Journals in alphabetical order: American Economic Journal: Macroeconomics, Applied Economics, The B.E. Journal of Macroeconomics, BMJ Open, Bulletin of Economic Research (2), Canadian Journal of Economics, Contemporary Economics, Demographic Research (3), Demography, Dynamic Games and Applications, Economic Inquiry (2), Economic Journal, Economic Modelling (9), Economic Systems, Economica (2), Economics Bulletin (4), Economics Letters, Economics of Education Review, De Economist (3), Empirica, Empirical Economics (3), Energy Economics, Engineering, Environment and Development Economics, Environment and Planning A, Environmental and Resource Economics (2), ERJ Open Research, Eurasian Economic Review, European Economic Review (3), The European Journal of Health Economics, Feminist Economics, Frontiers in Medicine, German Economic Review (2), Health Economics, International Economic Review (2), International Journal of Nonlinear Sciences and Numerical Simulation, International Review of Economics and Finance, International Journal of Environmental Research and Public Health, International Journal of Manpower, Journal of Demographic Economics (2), Journal of Development Economics, Journal of Economic Behavior & Organization, Journal of Economic Dynamics and Control (2), Journal of

Economic Geography (2), Journal of Economic Growth (12), Journal of Economic Theory, Journal of Economics (5), The Journal of the Economics of Ageing (16), Journal of the European Economic Association (2), Journal of Evolutionary Economics, Journal of Health and Pollution (2), Journal of Health Economics (2), Journal of International Development, Journal of International Trade & Economic Development, Journal of Macroeconomics (3), Journal of Mathematical Economics (3), Journal of Monetary Economics, Journal of Optimization Theory and Applications (2), Journal of Pension Economics and Finance, Journal of Population Ageing, Journal of Population Economics (7), Journal of Population Research, Journal of Productivity Analysis (2), Journal of Regional Science, LABOUR: Review of Labour Economics and Industrial Relations, Macroeconomic Dynamics (12), The Manchester School (2), Mathematical Modelling of Natural Phenomena, Mathematical Social Sciences (2), Metroeconomica (4), Oxford Development Studies, Oxford Economic Papers, PLOS ONE, Population and Development Review, Population Research and Policy Review, Quarterly Journal of Economics, Regional Science and Urban Economics, Research in Economics, Research Policy, Review of Development Economics, Review of Economic Dynamics (2), The Review of Economic Studies (2), The Scandinavian Journal of Economics (2), Scandinavian Journal of Economics, Scottish Journal of Political Economy (2), Social Science & Medicine, Social Science Research, World Development (2).

Funding agencies and awards in alphabetical order: Alexander von Humboldt Foundation, Anniversary Fund of the Austrian National Bank, Czech Science Foundation, Friedrich-Ebert-Stiftung (8), German Research Foundation (6), International Labour Organization, Leibniz Gemeinschaft, Leverhulme Trust, Max Planck-Humboldt Research Award (Alexander von Humboldt Foundation and Max Planck Society), Stephan Koren Award of the Vienna University of Economics and Business (2), Studienstiftung des Deutschen Volkes (2).

CONFERENCE ORGANIZATION AND PROGRAM COMMITTEES	Wittgenstein Centre Conference on “The Causes and Consequences of Depopulation” (2021), Conference on “Digitalization and Smart Green (R)evolution” (2018), INEPA Workshop “The Economics of Ageing and Inequality” (2018), 13th Viennese Workshop on Optimal Control and Dynamic Games (2015), Spring Meeting of Young Economists (2014), Annual Meeting of the Austrian Economic Association (2012).
MEMBERSHIPS	American Economic Association, Austrian Economic Association, European Economic Association, German Economic Association, Tübingen-Hohenheim Economics e.V.
LANGUAGES	German (Native), English (Fluent), Italian (Basics).
SOFTWARE	Mathematica, Matlab, Python, Stata, R, Weka, EViews, L ^A T _E X.

PUBLICATIONS IN REFEREED JOURNALS

56. Hof, F.X., Prettnner, K. (2022). Relative consumption, relative wealth, and long-run growth: When and why is the standard analysis prone to incorrect conclusions? *Macroeconomic Dynamics* (forthcoming).

55. Bloom, D.E., Fan, V.Y., Kufenko, V. Ogbuogi, O., Prettnner, K., Yamey G. (2022). Going Beyond GDP with a Parsimonious Indicator: Inequality-Adjusted Healthy Lifetime Income. *Vienna Yearbook of Population Research* (forthcoming).
54. Bloom, D.E., Kuhn, M., Prettnner, K. (2022). Modern Infectious Diseases: Macroeconomic Impacts and Policy Responses. *Journal of Economic Literature* 60, 85-131.
53. Cords, D., Prettnner, K. (2022). Technological Unemployment Revisited: Automation in a Search and Matching Framework. *Oxford Economic Papers* 74, 115-135.
52. Gasteiger E., Prettnner K. (2022). Automation, Stagnation, and the Implications of a Robot Tax. *Macroeconomic Dynamics* 26, 218-249.
51. Krenz, A., Prettnner, K., Strulik, H. (2021). Robots, reshoring, and the lot of low-skilled workers. *European Economic Review* 136, 103744.
50. Chen, S., Kuhn, M., Prettnner, K., Bloom, D.E., Wang, C. (2021). Macro-level efficiency of health expenditure: Estimates for 15 major economies. *Social Science & Medicine* 287, e114270.
49. Bloom, D.E., Khoury, A., Kufenko, V., Prettnner, K. (2021). Spurring Economic Growth through Human Development: Research Results and Guidance for Policymakers. *Population and Development Review* 130, 377-409.
48. Chen, S. Prettnner, K., Kuhn, M., Geldsetzer, P., Wang, C., Bärnighausen, T., Bloom, D.E., (2021). Climate and the spread of COVID-19. *Scientific Reports* 11, 9042.
47. Belyakov, A.O., Kurbatskiy, A.N., Prettnner, K. (2021). The growth effects of anticipated versus unanticipated population aging. *Journal of Mathematical Economics* 94, 102457.
46. Prettnner, K., Schäfer, A. (2021). The U-shape of income inequality over the 20th century: The role of education. *The Scandinavian Journal of Economics* 123, 645-675.
45. Baldanzi, A., Bucci, A., Prettnner, K. (2021). Children's health, human capital accumulation, and R&D-based growth. *Macroeconomic Dynamics* 25, 651-668.
44. Prettnner, K., Strulik, H. (2020). Innovation, automation, and inequality: Policy challenges in the race against the machine. *Journal of Monetary Economics* 116, 249-265.
43. Bloom, D.E., Kuhn, M., Prettnner, K. (2020). The contribution of female health to economic development. *Economic Journal* 130, 1650-1677.
42. Chen, S., Prettnner, K., Cao, B., Geldsetzer, P., Kuhn, M., Bloom, D.E., Bärnighausen, T., Wang, C. (2020). Revisiting the association between temperature and COVID-19 transmissibility across 117 countries. *ERJ Open Research* 6, 00550-2020.
41. Bucci, A., Prettnner, K. (2020). Endogenous education and the reversal in the relationship between fertility and economic growth. *Journal of Population Economics* 33, 1025-1068.

40. Bloom, D.E., Chen, S., Kuhn, M., McGovern, M.E., Oxley, L., Prettnner, K. (2020). The Economic Burden of Chronic Diseases: Estimates and Projections for China, Japan, and South Korea. *The Journal of the Economics of Ageing* 17, 100163.
39. Prettnner, K., Rostam-Afschar, D. (2020). Can Taxes Raise Output and Reduce Inequality? The Case of Lobbying. *Scottish Journal of Political Economy* 67, 455-461.
38. Abeliasky, A., Algur, E., Bloom, D.E., Prettnner, K. (2020). The Future of Work: Meeting the Global Challenges of Demographic Change and Automation. *International Labour Review* 159, 285-306.
37. Grafeneder-Weissteiner, T., Prettnner, K., Südekum, J. (2020). Three pillars of urbanization: migration, aging, and growth. *De Economist* 168, 259-278.
36. Abeliasky, A.L., Martínez-Zarzoso, I., Prettnner, K. (2020). 3D Printing, International Trade and FDI. *Economic Modelling* 85, 288-306.
35. Kufenko, V., Prettnner, K., Geloso, V. (2020). Divergence, convergence, and the history-augmented Solow model. *Structural Change and Economic Dynamics* 53, 62-76.
34. Chen, S., Kuhn, M., Prettnner, K., Bloom, D.E. (2019). Noncommunicable diseases attributable to tobacco use in China: macroeconomic burden and tobacco control policies. *Health Affairs* 38, 1832-1839.
33. Hof, F.X., Prettnner, K. (2019). The quest for status and R&D-based growth. *Journal of Economic Behavior & Organization* 162, 290-307.
32. Chen, S., Kuhn, M., Prettnner, K., Bloom, D.E. (2019). The global macroeconomic burden of road injuries: Estimates and projections for 166 countries. *The Lancet Planetary Health* 3, 390-398.
31. Baldanzi, A., Prettnner, K., Tscheuschner, P. (2019). Longevity-induced vertical innovation and the tradeoff between life and growth. *Journal of Population Economics* 32, 1293-1313.
30. Gehringer, A., Prettnner, K. (2019). Longevity and technological change. *Macroeconomic Dynamics* 23, 1471-1503.
29. Lankisch, C., Prettnner, K., Prskawetz, A. (2019). How can robots affect wage inequality? *Economic Modelling* 81, 161-169.
28. Bloom, D.E., McKenna, M.J., Prettnner, K. (2019). Global employment and decent jobs, 2010-2030: The forces of demography and automation. *International Social Security Review* 72, 43-78.
27. Prettnner, K. (2019). A Note on the Implications of Automation for Economic Growth and the Labor Share. *Macroeconomic Dynamics* 23, 1294-1301.
26. Fan V.Y., Bloom, D.E., Ogbuaji, O., Prettnner, K., Yamey, G. (2018). Valuing health as development: going beyond gross domestic product. *The BMJ* 363:k4371.
25. Chen, S., Kuhn, M., Prettnner, K., Bloom D.E. (2018). The macroeconomic burden of noncommunicable diseases in the United States: Estimates and projections. *PLOS ONE* 13(11): e0206702.

24. Kuhn, M., Prettnner, K. (2018). Population Age Structure and Consumption Growth: Evidence from National Transfer Accounts. *Journal of Population Economics* 31, 135-153.
23. Prettnner, K., Strulik, H. (2018). Trade and Productivity: The Family Connection Redux. *Journal of Macroeconomics* 56, 276-291.
22. Kufenko, V., Geloso, V., Prettnner, K. (2018). Does size matter? Implications of household size for economic growth and convergence. *Scottish Journal of Political Economy* 65, 537-543.
21. Prettnner, K., Trimborn, T (2017). Demographic change and R&D-based economic growth. *Economica* 84, 667-681.
20. Prettnner, K., Strulik, H. (2017). Gender Equity and the Escape from Poverty. *Oxford Economic Papers* 69, 55-74.
19. Prettnner, K., Strulik, H. (2017). It's a Sin - Contraceptive Use, Religious Beliefs, and Long-Run Economic Development. *Review of Development Economics* 21, 543-566.
18. Bloom, D.E., Kuhn, M., Prettnner, K. (2017). Africa's Prospects for Enjoying a Demographic Dividend. *Journal of Demographic Economics* 83, 63-76.
17. Prettnner, K., Werner, K. (2016). Why it pays off to pay us well: The impact of basic research on economic growth and welfare. *Research Policy* 45, 1075-1090.
16. Kuhn, M., Prettnner, K. (2016). Growth and welfare effects of health care in knowledge-based economies. *Journal of Health Economics* 46, 100-119.
15. Prettnner, K., Strulik, H. (2016). Technology, Trade, and Growth: The Role of Education. *Macroeconomic Dynamics* 20, 1381-1394.
14. Geloso, V., Kufenko, V., Prettnner K. (2016). Demographic change and regional convergence in Canada. *Economics Bulletin* 36, 1904-1910.
13. Keppel, C., Prettnner, K. (2015). How Interdependent are Eastern European Economies and the Euro Area? *The Quarterly Review of Economics and Finance* 58, 18-31.
12. Grafeneder-Weissteiner, T., Kubin, I., Prettnner, K., Prskawetz, A., Wrzaczek, S. (2015). Coping with inefficiencies in a New Economic Geography model: the unintended consequences of policy interventions. *Mathematical Social Sciences* 76, 146-157.
11. Bloom, D.E., Cafiero, E.T., McGovern, M.E., Prettnner, K., Stanciole, A., Weiss, J., Bakkila, S., Rosenberg, L. (2014). The Macroeconomic Impact of Non-Communicable Diseases in China and India: Estimates, Projections, and Comparisons. *The Journal of the Economics of Ageing* 4, 100-111.
10. Prettnner, K. (2014). The non-monotonous impact of population growth on economic prosperity. *Economics Letters* 124, 93-95.
9. Prettnner, K., Canning, D. (2014). Increasing life expectancy and optimal retirement in general equilibrium. *Economic Theory* 56, 191-217.

8. Strulik, H., Prettnner, K., Prskawetz, A. (2013). The Past and Future of R&D-based Growth. *Journal of Economic Growth* 18, 411-437.
7. Grafeneder-Weissteiner, T., Prettnner, K. (2013). Agglomeration and Demographic Change. *Journal of Urban Economics* 74, 1-11.
6. Prettnner, K. (2013). Population aging and endogenous economic growth. *Journal of Population Economics* 27, 811-834.
5. Prettnner, K., Bloom, D.E., Strulik, H. (2013). Declining Fertility and Economic Well-being: Do Education and Health Ride to the Rescue? *Labour Economics* 22, 70-79.
4. Prettnner, K., Kunst, R.M. (2012). The Dynamic Interrelations between Unequal Neighbors: An Austro-German Case Study. *Empirical Economics* 43, 741-761.
3. Prettnner, K., Prskawetz, A. (2010). Demographic change in models of endogenous economic growth. A survey. *Central European Journal of Operations Research* 18, 593-608.
2. Prettnner, K., Prskawetz, A. (2010). Decreasing Fertility, Economic Growth and the Intergenerational Wage Gap. *Empirica* 37, 197-214.
1. Gaggl, P., Kaniovski S., Prettnner, K., Url, T. (2009). The Short and Long-run Interdependencies between the Eurozone and the U.S.A. *Empirica* 36, 209-227.

BOOKS

2. Prettnner, K., Bloom D.E. (2020). Automation and Its Macroeconomic Consequences: Theory, Evidence, and Social Impacts. Cambridge, MA, USA: Academic Press.
1. Bucci, A., Prettnner, K, Prskawetz, A., eds. (2019). Human Capital and Economic Growth – The Impact of Health, Education and Demographic Change. Basingstoke, UK: Palgrave MacMillan.

CHAPTERS IN EDITED VOLUMES

7. Bloom, D.E., Chen, S., Kuhn M., Prettnner, K. (2019). The flip side of “live long and prosper”: Noncommunicable diseases in the OECD and their macroeconomic impact. In: Bloom, D.E., ed., *Live Long and Prosper? The Economics of Ageing Populations*. London, UK: CEPR Press.
6. Skritek, B., Crespo Cuaresma, J., Kryazhimskii, A.V., Prettnner, K., Prskawetz, A., Rovenskaya, E. (2019). Optimal life-cycle education decisions of atomistic individuals. In: Bucci, A., Prettnner, K, Prskawetz, A., eds., *Human Capital and Economic Growth – The Impact of Health, Education and Demographic Change*. Basingstoke, UK: Palgrave Macmillan.

5. Bloom, D.E., Kuhn, M., Prettnner, K. (2019). Health and economic growth. In: Hamilton, J.H., Dixit, A., Edwards, S., Judd, K., eds., *Oxford Encyclopedia of Economics and Finance*. Oxford, UK: Oxford University Press.
4. Luca D.L., Iversen, J.H., Lubet, A.S., Mitgang E., Onarheim, K.H., Prettnner, K., Bloom, D.E. (2018). Benefits and Costs of the Women's Health Targets for the Post-2015 Development Agenda. In: B. Lomborg, ed., *Prioritizing Development: A Cost Benefit Analysis of the United Nations' Sustainable Development Goals*. Cambridge, UK: Cambridge University Press, pp. 244-254.
3. Pyka, A., Prettnner, K. (2018). Economic Growth, Development, and Innovation: The Transformation Towards a Knowledge-Based Bioeconomy. In: I. Lewandowski, ed., *Bioeconomy: Shaping the Transition to a Sustainable, Biobased Economy*, 1st ed. Basel: Springer International Publishing, pp. 329-340.
2. Prettnner, K., Geiger, N. Schwarzer, J. (2018). Die wirtschaftlichen Folgen der Automatisierung. In: C. Spiel und R. Neck, Hg., *Automatisierung: Wechselwirkung mit Kunst, Wissenschaft und Gesellschaft*. Wien, Österreich: Böhlau Verlag.
1. Prettnner, K. (2018). Verteilungsforschung. Entwicklung der Ungleichheit, sozioökonomische Konsequenzen und politische Handlungsspielräume. In: H. Hagemann und G. Kollmer-von Oheim-Loup, Hg., *Universität Hohenheim 1818-2018*, Stuttgart: Ulmer Verlag, S. 168-179.

OTHER PUBLICATIONS

30. Prettnner, K., Bloom, D.E. (2022). Digital Transformation and Healthcare Innovation. *The World Financial Review* (January 31st, 2022).
29. Brzozowska, Z., Kuhn, M., Potancokova, M., Prettnner, K (2021). Depopulation trends in Europe: what do we know about it? Population Europe: Berlin, Germany. Available at <https://population-europe.eu/research/policy-insights/depopulation-trends-europe-what-do-we-know-about-it>.
28. Bloom, D.E., Khoury, A., Kufenko, V., Prettnner, K. (2021). Spurring economic growth through human development. N-IUSSP magazine, 30 August, 2021.
27. Bloom, D.E., Kuhn, M., Prettnner, K. (2021). Modern infectious diseases: Macroeconomic impacts and policy responses. VoxEU, 06 May 2021.
26. Prettnner, K., Chen, S., Kuhn, M., Bloom, D.E. (2021). Effective pandemic management that minimises economic harm. VoxEU, 04 January 2021.
25. Bloom, D.E., Kuhn, M., Prettnner, K. (2020). How to mitigate the economic impacts of infectious diseases. World Economic Forum, 05 November 2020.
24. Contributing author to the "European Demographic Datasheet 2020" available at: <http://www.populationeurope.org/en/>.
23. Bloom, D.E., Prettnner, K. (2020). The macroeconomic effects of automation and the role of COVID-19 in reinforcing their dynamics. VoxEU, 25 June 2020.

22. Heijdra, B.J., Prettnner, K. (2020). Putting People Back into the Picture: Some Studies in Demographic Economics. *De Economist* 168, 147-152.
21. Belyakov, A.O., Kurbatskiy, A.N., Prettnner, K. (2019). Anticipated Expansions of Life Expectancy and Their Long-Run Growth Effects. *Proceedings of the MIC 2019 Conference: Managing Geostrategic Issues*.
20. Kufenko, V. Prettnner, K., Sousa-Poza, A. (2019). The Economics of Ageing and Inequality: Introduction to the Special Issue. *The Journal of the Economics of Ageing* 14, 100195.
19. Krenz, A., Prettnner, K., Strulik, H. (2019). Industrial robots are bringing jobs back home, but not for low-skilled workers. *LSE Business Review*, June 18th, 2019.
18. Bloom, D.E., McKenna, M., Prettnner, K. (2018). Demography, unemployment, and automation: Challenges in creating (decent) jobs until 2030. VoxEU, 18 December 2018.
17. Geiger, N., Prettnner, K., Schwarzer, J. (2018). Die Auswirkungen der Automatisierung auf Wachstum, Beschäftigung und Ungleichheit. *Perspektiven der Wirtschaftspolitik* 19, 59-77.
16. Bloom, D.E., Kuhn, M., Prettnner, K. (2018). Escaping poverty: Investing in women's human capital. In: *2018 Davos Edition: Eradicating Extreme Poverty*, Credit Suisse Research Institute, pp. 6-16.
15. Bloom, D.E., Kuhn, M., Prettnner, K. (2017). Invest in Women and Prosper. *Finance & Development* 54, 50-55.
14. Prettnner K., Werner, K. (2017). Government-funded basic research: What's in it for firms? *Rutgers Business Review* 2, 64-69.
13. Contributing author to "State of World Population 2016 - 10: How our Future Depends on a Girl at this Decisive Age". Report by the United Nations Population Fund (UNFPA).
12. Bloom, D.E., Kuhn, M., Prettnner, K. (2016). Africa's prospects for enjoying a demographic dividend. VoxEU, 20 October 2016.
11. Prettnner, K. (2016). Perspective on "Optimal Education in Times of Ageing: The Dependency Ratio in the Uzawa-Lucas growth model" by Anne Edle von Gaessler and Thomas Ziesemer. *The Journal of the Economics of Ageing* 7, 143-144.
10. Bloom, D.E., Kuhn, M., Prettnner, K. (2015). The contribution of women's health to economic development. VoxEU, 09 October 2015.
9. Bloom, D.E., Chen S., McGovern M., Prettnner K., Candeias V., Bernaert A., and Cristin S. (2015). Economics of Non-Communicable Diseases in Indonesia. Report by the World Economic Forum.
8. Bloom, D.E., Cafiero-Fonseca, E.T., McGovern, M.E., Prettnner, K. (2014). China and India's Decent into Chronic Disease: Killing Themselves Slowly. *The Milken Institute Review*, Second Quarter 2014.
7. Bloom, D.E., Chisholm D., Jané-Llopis, E., Prettnner, K., Stein, A., Feigl, A. (2011). From Burden to 'Best Buys': Reducing the Economic Impact of Non-communicable Diseases in Low- and Middle-Income Countries. Report by the World Economic Forum and the World Health Organization.

6. Bloom, D.E., Cafiero, E.T., Jané-Llopis, E., Abrahams-Gessel, S., Bloom, L.R., Fathima, S., Feigl, A.B., Gaziano, T., Mowafi, M., Pandya, A., Prettnner, K., Rosenberg, L., Seligman, B., Stein, A.Z., Weinstein, C. (2011). The Global Economic Burden of Non-communicable Diseases. Report by the World Economic Forum and the Harvard School of Public Health.
5. van Nimwegen, N., Sobotka, T., Skirbekk, V., Philipov, D., Holler, J., Prettnner, K., Schuster, J. (2010). The multiple impacts of the crisis: an additional challenge for policy to address European population issues. Research note for the Demography Network of the European Observatory on the Social Situation (DemoNet).
4. Barakat B., Holler, J., Prettnner, K. Schuster, J. (2010). The Impact of the Economic Crisis on Labour and Education in Europe. Study for the Demography Network of the European Observatory on the Social Situation (DemoNet).
3. Morawetz, U. B., Prettnner, K. (2010). Effects of the EU's Common Agricultural Policy on the Development of Regional GDP in Austria. *WIFO-Monatsberichte*, 6/2010, 541-549.
2. Prettnner, K., Prskawetz, A. (2010). Geburtenrückgang und Wirtschaftswachstum. *Demografische Forschung aus erster Hand* 7/3.
1. Prettnner, K., Stiglbauer A. (2007). Effects of the Full Opening of the Austrian Labor Market to EU-8 Citizens. *Monetary Policy and the Economy* Q4/07, 50-66.

RECENT WORKING PAPERS

7. Chen, S., Zhangfeng, J., Prettnner, K. (2020). Can I live with you after I retire? Retirement, old age support, and internal migration of older adults in China. WU Economics Working Paper 303.
6. Lehmann-Hasemeyer, S., Prettnner, K., Tscheuschner, P. (2020). The Scientific Revolution and Its Role in the Transition to Sustained Economic Growth. Hohenheim Discussion Papers in Business, Economics and Social Sciences 06-2020.
5. Bloom, D.E., Canning, D., Kotschy, R., Prettnner, K., Schünemann, J. (2019). Health and Economic Growth: Reconciling the Micro and Macro Evidence. NBER Working Paper No. 26003.
4. Prettnner, K., Seiffert S. (2018). The Size of the Middle Class and Educational Outcomes: Theory and Evidence from the Indian Subcontinent. Hohenheim Discussion Papers in Business, Economics and Social Sciences 14-2018.
3. Kufenko, V., Prettnner, K. (2017). You can't always get what you want? Estimator choice and the speed of convergence. Vienna University of Technology Working Papers in Economic Theory and Policy. Working Paper 07/2017.
2. Abeliasky A., Prettnner K. (2017). Automation and demographic change. Hohenheim Discussion Papers in Business, Economics and Social Sciences 05-2017.
1. Kuhn, M., Prettnner, K. (2016). On the long-run growth effect of raising the retirement age. Vienna University of Technology Working Papers in Economic Theory and Policy, WP 10/2016.

PRESENTATIONS AT CONFERENCES AND WORKSHOPS

36. Keynote lecture at the Fourth Symposium on Population Medicine and Public Health (PMPH), Beijing, China (online), September 2021.
35. Keynote lecture at the Slovak Economic Association Meeting (SEAM 2020), Bratislava, Slovakia (online), December 2020.
34. International Workshop on Heterogeneous Dynamic Models of Economic and Population Systems. WU – Vienna University of Economics and Business, Vienna, Austria, December 2019.
33. Wittgenstein Centre Conference 2019 “Demographic aspects of human wellbeing”. WU – Vienna University of Economics and Business, Vienna, Austria, November 2019.
32. 19. Deutsch-Österreichisch-Schweizerisches Demographentreffen. WU – Vienna University of Economics and Business, Vienna, Austria, October 2019.
31. Workshop on “Technological change, the future of jobs, and the labor share of income. University of Porto, Portugal, September 2019.
30. Keynote lecture at the conference “Digitalization and Smart Green (R)evolution”, University of Economics in Bratislava, Slovakia, November 2018.
29. Workshop of the Strategic Network Bioeconomy (BECY), University of Hohenheim, Germany, July 2018.
28. Annual Meeting of the Austrian Economic Association, Vienna, Austria, May 2018.
27. Österreichischer Wissenschaftstag 2017: “Automatisierung: Wechselwirkungen mit Kunst, Wissenschaft und Gesellschaft”, Baden, Austria, October 2017.
26. International Conference on Finance and Economic Growth in the Aftermath of the Crisis, Milan, Italy, September 2017.
25. Viennese Vintage Workshop 2016: Heterogeneous Dynamic Models of Economic and Population Systems, Vienna, Austria, December 2016.
24. Annual Meeting of the German Economic Association, Augsburg, Germany, September 2016.
23. MoPAct Workshop “Economic Aspects of Demographic Change”, Helsinki, Finland, June 2016.
22. 1st CREA Workshop on Aging, Culture, and Comparative Development, Luxembourg, May 2016.
21. 7th FIW Research Conference “International Economics”, Vienna, Austria, December 2014.
20. Annual Meeting of the Population Association of America, Boston, MA, USA, May 2014.
19. 16th Göttingen Workshop on International Economic Relations, Göttingen, Germany, February 2014.

18. 17th Conference on Dynamics, Economic Growth, and International Trade (DEGIT XVII), Milan, Italy, September 2012.
17. Annual Meeting of the German Economic Association, Göttingen, Germany, September 2012.
16. 7th European Workshop on Labour Markets and Demographic Change, St. Gallen, Switzerland, August 2012.
15. Annual Meeting of the Austrian Economic Association, Vienna, Austria, May 2012.
14. Annual Meeting of the Population Association of America, San Francisco, CA, USA, May 2012.
13. Workshop of the World Demographic & Ageing Forum on “Ageing, Health & Productivity”, St. Gallen, Switzerland, October 2011.
12. Workshop on “Optimal Fertility in Ageing Societies”, Vienna, Austria, December 2010.
11. Annual Meeting of the German Economic Association, Kiel, Germany, September 2010.
10. Annual Congress of the European Economic Association, Glasgow, UK, August 2010.
9. 1st LEPAS (Long-run Economic Perspectives of an Aging Society) Workshop, Vienna, Austria, June 2010.
8. Conference of the European Society for Population Economics, Essen, Germany, June 2010.
7. Annual Meeting of the Austrian Economic Association, Vienna, Austria, May 2010.
6. WWTF Workshop “Agglomeration Processes in Ageing Societies”, Vienna, Austria, January 2010.
5. Annual Meeting of the German Economic Association, Magdeburg, Germany, September 2009.
4. 49th European Congress of the Regional Science Association International, Lodz, Poland, August 2009.
3. Annual Meeting of the Austrian Economic Association, Linz, Austria, May 2009.
2. First Workshop on Dynamics, Optimal Growth and Population Change: Theory and Applications, Milan, Italy, September 2008.
1. Annual Meeting of the Austrian Economic Association, Vienna, Austria, May 2008.

PUBLIC LECTURES AND INVITED PRESENTATIONS IN SEMINARS

32. Research Seminar at the Department of Economics at the Copenhagen Business School, Copenhagen Denmark, September 2021.
31. Research Seminar at the Department of Economics at the University of Göttingen, Germany (online), January 2021.

30. INEQ Research Seminar at the Vienna University of Economics and Business, Austria (online), December 2020.
29. Seminar of the Department of Economics at the University of Vienna, Austria (online), November 2020.
28. Vienna University of Technology, Seminar of the Institute of Statistics and Mathematical Methods in Economics, Vienna, Austria, January 2020.
27. Seminar of the Austrian Institute of Economic Research, Vienna, Austria, July 2019.
26. Public Discussion on “Manufacturing Declines, Populism Rises: The Politics of the New Economy” organized by the American Academy, Stuttgart, Germany, April 2019.
25. University of Bremen, Seminar of the Institute for Economic Research and Policy, Bremen, Germany, January 2019.
24. LMU Munich, Seminar of the Department of Economics, Munich, Germany, January 2019.
23. University of Economics in Bratislava, Seminar of the Department of Economics, Bratislava, Slovakia, December 2018.
22. WU matters: Wirtschaftsnobelpreis 2018 – Die Forschung hinter dem Preis. Vienna University of Economics and Business, Vienna, Austria, December 2018.
21. University of Hohenheim, Studium Generale, Stuttgart, July 2018.
20. Free University of Berlin, Seminar of the School of Business & Economics, Berlin, Germany, January 2018.
19. University of Tübingen, Seminar of the Institute of Economics, Tübingen, Germany, November 2017.
18. University of Würzburg, Seminar of the Institute of Economics, Würzburg, Germany, May 2017.
17. University of Hohenheim, Seminar of the Institute of Economics, Stuttgart, Germany, January 2017.
16. Queen’s University Belfast, Seminar of Queen’s Management School, Belfast, UK, March 2016.
15. Vienna University of Technology, Seminar of the Institute of Statistics and Mathematical Methods in Economics, Vienna, Austria, March 2016.
14. University of Rostock, Seminar of the Department of Economics, Rostock, Germany, December 2015.
13. University of Göttingen, Seminar of the Department of Economics, Göttingen, Germany, June 2015.
12. Vienna University of Technology, Seminar of the Institute of Statistics and Mathematical Methods in Economics, Vienna, Austria, March 2015.
11. University of Göttingen, Seminar of the Department of Economics, Göttingen, Germany, November 2014.

10. ISCTE - Instituto Universitário de Lisboa, Seminar of the Department of Economics, Lisbon, Portugal, January 2014.
 9. University of Göttingen, Seminar of the Department of Economics, Göttingen, Germany, November 2012.
 8. Harvard University, Seminar of the Center for Population and Development Studies, Cambridge, MA, USA, February 2012.
 7. Brown University, Seminar of the Economics Department, Providence, RI, USA, April 2011.
 6. Harvard University, Seminar of the Center for Population and Development Studies, Cambridge, MA, USA, March 2011.
 5. Vienna University of Technology, Seminar of the Institute of Mathematical Methods in Economics, Vienna, Austria, November 2009.
 4. Seminar of the Institute for Advanced Studies, Vienna, Austria, January 2009.
 3. Seminar of the Austrian Institute of Economic Research, Vienna, Austria, November 2007.
 2. Austrian Central Bank, Seminar of the Economic Analysis Division, Vienna, Austria, August 2007.
 1. Seminar of the Vienna Institute of Demography, Austrian Academy of Sciences, Vienna, Austria, December 2006.
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