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Youtube: [Burkhard Heer](https://www.youtube.com/BurkhardHeer)



CURRENT POSITION

Full Professor (W3), Chair in Public Economics, University of Augsburg, Germany

AFFILIATIONS

- University of Augsburg, Department of Economics and Management, since July 2012
- CESifo Research Network Fellow, Munich, since October 2000
- NETSPAR Fellow, Network for Studies on Pensions, Aging and Retirement, Tilburg, Netherlands, since April 2022

EDUCATION

University of Cologne
Graduate studies in economics

October 1989 - July 1996

December 1992: master degree (Diplom)

July 1996: PhD in economics (summa cum laude)
PhD thesis on 'Economic Development, Endogenous Fertility, and the Environment'
Supervisor: Alfred Maußner

April 2000: *Habilitation* (Postdoctoral degree)
Supervisor: Carl Christian von Weizsäcker

San Francisco State University
Majors: economics, mathematics

August 1988 - June 1989

University of Heidelberg October 1986 - July 1988
Undergraduate studies in economics and mathematics
April 1988: bachelor in economics (Vor-Diplom)
July 1988: bachelor in mathematics (Vor-Diplom)

PROFESSIONAL EXPERIENCE

University of Augsburg, Germany since July 2012
Department of Economics
Chair of Public Economics
Full Professor (W3, tenure)
Teaching activities: public economics, macroeconomics, international monetary economics

University of Bolzano-Bozen, Italy October 2004 – June 2012
School of Economics and Management
Full Professor in Economics (tenure)
Teaching activities: public economics, microeconomics, macroeconomics, econometrics

University of Bamberg, Germany December 2001 - September 2004
Department of Economics
Chair of Economic Policy
Full Professor (C4, tenure)
Teaching activities: monetary theory, finance, econometrics

University of Innsbruck, Austria April 2001 - November 2001
Department of Public Economics
Professor (Karenzprofessur)
Teaching activities: public economics

University of Munich, Germany March 2000 - March 2001
Department of Economics
Visiting professor (Lehrstuhlvertretung)
Teaching activities: macroeconomics, labor economics

University of Cologne, Germany September 1997 - February 2000
Department of Economics
Professor Carl Christian von Weizsäcker
Assistant professor (Habilitation)
Teaching activities:
introductory micro- and macroeconomics, advanced macroeconomics

International Monetary Fund, Washington, D.C., USA 27.06.94 - 23.9.94
Department of Monetary and Exchange Affairs
Summer intern

University of Cologne, Department of Economics 1.1.93-30.06.95
Professor Alfred Maußner
Teaching assistant
Teaching activities: growth theory, business cycles, analytical methods

Dresdner Bank, Frankfurt, Germany 5.8.91 - 13.9.91
Securities Marketing 17.2.92 - 13.3.92

Hungarian Credit Bank, Budapest, Hungary 9.7.90 - 31.8.90
Business Policy Department
Investment analysis of a joint venture project in South Hungary

Morgan Stanley, Frankfurt 12.2.90 - 20.3.90
Information Services/Controlling

VISITING RESEARCHER

Université du Luxembourg January 2015
Department of Finance
PhD Course on CGE models
Inviting Host: Andreas Irmen

Universität Leipzig Nov. 2014
East German Doctoral Program in Economics
PhD Course on Computable OLG models
Inviting Host: Thomas Steger

Fordham University, New York Nov. 2014
Department of Economics
Visiting Researcher
Inviting Host: Paul McNelis

Federal Reserve Bank of St. Louis Oct. 2014 – Nov 2014
Research Visit
Inviting Host: Christopher J. Waller

<p>Ludwig-Maximilians-Universität München Munich Graduate School of Economics PhD course on Computational Economics Inviting Host: Sven Rady</p>	<p>Sep. 2006 – Oct. 2006</p>
<p>Stanford University, Paolo Alto, USA Hoover Institute Hoover fellow Host Professor: Kenneth Judd</p>	<p>June 2004 - July 2004</p>
<p>Georgetown University, Washington, D.C. Department of Economics Visiting researcher Host Professor: Mark Huggett</p>	<p>March 2004 - May 2004</p>
<p>University of Innsbruck, Austria Department of Public Economics Visiting professor Teaching activities: fiscal policy</p>	<p>March 2002</p>
<p>Universitat Pompeu Fabra, Barcelona, Spain Department of Economics Visiting researcher Host Professor: Michael Reiter</p>	<p>July 2001 - August 2001</p>
<p>University of Quebec at Montreal, Canada Research Center of Employment and Economic Fluctuations Visiting researcher Host Professor: Christian Zimmermann</p>	<p>January 1998 – February 1998</p>

PUBLICATIONS

Publications in Refereed Journals

[45] “Pension Systems (Un)sustainability and Fiscal Constraints: A Comparative Analysis” (with Vito Polito and Mike Wickens), *Oxford Bulletin of Economics and Statistics*, 2026, 1-21. [\[open access download\]](#)

[44] “On the Optimal Capital Tax Rate in Overlapping Generations Models with Capital-Skill Complementarity”, *International Tax and Public Finance*, 32, 2025. [\[open access download\]](#)

[43] “Age-Specific Entrepreneurship and PAYG Public Pensions in Germany” (with Mark Trede), *Journal of Macroeconomics*, 2023, vol. 75(C). [\[open access download\]](#)

[42] “Explaining the Decline in the US Labor Share: Taxation and Automation” (with Andreas Irmen and Bernd Süßmuth), *International Tax and Public Finance*, 30, 2023, 1481-1528. [\[open access download\]](#)

[41] “Endogenous Longevity and Optimal Tax Progressivity” (with Stefan Rohrbacher), *Journal of Health Economics*, 2021, vol. 79. [\[open access download\]](#)[\[video\]](#)

[40] “Population Aging, Social Security and Fiscal Limits” (with Vito Polito and Michael R. Wickens), *Journal of Economic Dynamics and Control*, 2020, vol. 116. [\[open access download\]](#) [\[video\]](#)

[39] “The Age-specific burdens of short-run fluctuations in government spending” (with Christian Scharrer), *Journal of Economic Dynamics and Control*, 2018, vol. 90, 45-75.

[38] “Cyclical Asset Returns in the Consumption and Investment Good Sector” (with Alfred Maußner and Bernd Süßmuth), *Review of Economic Dynamics*, 2018, vol. 28, 51-70. [\[video\]](#)

[37] “Projection methods and the curse of dimensionality” (with Alfred Maußner), *Journal of Mathematical Finance*, 2018, vol. 8, 317-334.

[36] “Optimal Pensions in Aging Economies”, *B.E. Journal of Macroeconomics*, 2018, vol. 18(1), 1-19.

[35] “Q-Targeting in New Keynesian Models” (with Alfred Maußner and Halvor Ruf), *Journal of Business Cycle Research*, 2017, vol. 13(2), 189-224.

[34] “Aging, the Great Moderation and Business-Cycle Volatility in a Life-Cycle Model” (with Christian Scharrer and Stefan Rohrbacher), *Macroeconomic Dynamics*, 2017, vol. 21, 362-383.

- [33] “The Cash-In-Advance Constraint in Monetary Growth Models with Labor Market Search” (with Alfred Maußner), *Macroeconomic Dynamics*, 2015, vol. 19(1), 144-166.
- [32] “Population, Pensions and Endogenous Economic Growth” (with Andreas Irmen), *Journal of Economic Dynamics and Control*, 2014, vol. 46, 50-72.
[\[video\]](#)
- [31] “Tax Bracket Creep and Its Effect on Income Distribution” (with Bernd Süßmuth), *Journal of Macroeconomics*, 2013, vol. 38, 393-408.
- [30] “A note on the cyclical behaviour of the income distribution”, *Journal of Business Cycle Measurement and Analysis*, 2013, No. 2(1), 1-7.
- [29] “Asset Returns, the Business Cycle, and the Labor Market, (with Alfred Maußner), *German Economic Review*, 2013, vol. 14(3), 372-397.
- [28] “Unemployment and Debt Dynamics in a Highly Indebted Small Open Economy” (with Stefan F. Schubert), *Journal of International Money and Finance*, 2012, vol. 31, 1392-1413.
- [27] “The Burden of Unanticipated Inflation: Analysis of an Overlapping Generations Model with Progressive Income Taxation and Staggered Prices” (with Alfred Maußner), *Macroeconomic Dynamics*, 2012, vol. 16, 278-308.
- [26] “Log-Normal Approximation of the Equity-Premium in the Production Model” (with Alfred Maußner), *Applied Economics Letters*, 2012, vol. 19(5), 407-412.
- [25] “Value Function Iteration as a Solution Method for the Ramsey Model” (with Alfred Maußner), *Journal of Economics and Statistics*, 2011, vol. 231, 494-515.
- [24] “The Money-Age Distribution: Empirical Facts and the Limits of Three Monetary Models” (with Alfred Maußner and Paul McNelis), *Journal of Macroeconomics*, 2011, vol. 33, 390-405.
- [23] “Inflation and Output Dynamics in a Model with Labor Market Search and Capital Accumulation” (with Alfred Maußner), *Review of Economic Dynamics*, vol. 12, 2010, 654-686.
- [22] “The Savings-Inflation Puzzle” (with Bernd Süßmuth), *Applied Economic Letters*, vol. 16(6), 2009, 615-17.
- [21] “Computation of Business-Cycle Models with the Generalized Schur Method” (with Alfred Maußner), *Indian Growth and Development Review*, vol. 2, 2009, 173-82.
- [20] “Computation of Business Cycle Models: A Comparison of Numerical Methods” (with Alfred Maußner), *Macroeconomic Dynamics*, vol. 12, 2008, 641-663.
- [19] “Effects of Inflation on Wealth Distribution: Do Stock Market Participation Fees and Capital Income Taxation Matter?” (with Bernd Süßmuth), *Journal of Economic Dynamics and Control*, vol. 31, 2007, 277-303.
- [18] “Should unemployment benefits be related to previous earnings?”, *Public Finance Analysis*, vol. 62, 2006, 530-550.

- [17] “The Labor Market Effects of Indexing Unemployment Benefits to Previous Earnings” (with Albrecht Morgenstern), *Public Finance Review*, vol. 33, 2005, 385-402.
- [16] “Taxation of Labor and Capital Income in an OLG Model with Home Production and Endogenous Fertility” (with Mark Trede), *International Journal of Global Environmental Issues*, vol. 4, 2004, 73-88.
- [15] “Nonsuperneutrality of money in the Sidrauski model with heterogenous agents”, *Economics Bulletin*, vol. 5, 2004, 1-6.
- [14] “Welfare costs of inflation in a dynamic economy with search unemployment”, *Journal of Economic Dynamics and Control*, vol. 28, 2003, 255-72.
- [13] “Employment and Welfare Effects of a Two-Tier Unemployment Compensation System”, *International Tax and Public Finance*, vol. 10, 2003, 147-68.
- [12] “Efficiency and Distribution Effects of a Revenue-neutral Income Tax Reform” (with Mark Trede), *Journal of Macroeconomics*, vol. 25, 2003, 87-107.
- [11] “The German Unemployment Compensation System: Effects on Aggregate Savings and the Wealth Distribution”, *Review of Income and Wealth*, vol. 48, 2002, 371-94.
- [10] “Wealth Distribution and Optimal Inheritance Taxation in Life-Cycle Economies”, *Scandinavian Journal of Economics*, vol. 103, 2001, 445-65.
- [9] “The Welfare Gain from Stabilizing Cyclical Fluctuations”, *Applied Economics Letters*, 2001, vol. 8, 331-34.
- [8] “Optimal flat-rate taxes on capital - a re-examination of Lucas' supply side model” (with Hans Peter Grüner), *Oxford Economic Papers*, vol. 52, 2000, 289-305.
- [7] “On the Use of Projection Methods in the Computation of OLG models” (with Mark Trede), *Journal of Economics and Statistics (Jahrbücher für Nationalökonomie und Statistik)*, vol. 220, 2000, 32-47.
- [6] “How did the German Government Parties Succeed in Stabilizing Cyclical Fluctuations?” (with Mark Trede), *Public Finance Analysis*, vol. 55, 1998, 139-62.
- [5] “Procyclical Labor Productivity: Sources and Implications“ (with Ludger Linnemann), *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, vol. 118, 1998, 221-47.
- [4] “Unemployment Insurance vs. Welfare Payments: A Dynamic CGE Analysis of Employment and Welfare Effects”, *Public Finance/Finances Publiques*, vol. 52, 1997, 367-93.
- [3] “The Effect of Option Trading at the DTB on the Underlying Stocks' Return Variance” (with Mark Trede and Mark Wahrenburg), *Empirical Economics*, vol. 22, 1997, 233-45.
- [2] “Income and Emission Taxation in a Model of Economic Development, Population Growth and the Environment”, *Jahrbuch für Wirtschaftswissenschaften*, vol. 2, 1996, 166-178.

[1] “Taxation of Income and Wealth in a Model of Endogenous Growth” (with Hans Peter Grüner), *Public Finance/Finances Publiques*, vol. 94, 1994, 358-72.

Books

[3] *Dynamic General Equilibrium Modeling: Computational Methods and Applications* (with Alfred Maussner), 3rd edition, Springer-Verlag. Cham, 2024.

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[--]*Dynamic General Equilibrium Modeling: Computational Methods and Applications* (with Alfred Maussner), 2nd edition, Springer-Verlag. Berlin, 2009.

[--] *Dynamic General Equilibrium Modelling: Computational Methods and Applications* (with Alfred Maussner), Springer-Verlag. Berlin, 2005.

[2] *Public Economics – The Macroeconomic Perspective*, Springer-Verlag. Berlin, 2019.

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[1] Heer, Burkhard, 1997, 'Umwelt, Bevölkerungsdruck und Wirtschaftswachstum in den Entwicklungsländern', Band 135, Reihe: *Wirtschaftswissenschaftliche Beiträge*, Physica-Verlag. Heidelberg, 1997.

Contributed and Other Publications

[9] “Nicht-kooperative Differentialspiele“ (with Mark Trede), *WiSt*, 35, 2006, 14-18.

[8] “Berechenbare Generationenmodelle“ (with Alfred Maussner), *Das Wirtschaftsstudium*, 34, 2005, 307-15.

[7] comment on „The influence of aging on capital accumulation“ by David Miles, in: Horst Siebert (ed.), *Economic Policy for Aging Societies*, 2002, Springer.

[6] “Open Market Shocks in a Business Cycle Model with Financial Intermediation” (with Andreas Schabert), in: Hairault, J.-O. and H. Kempf (eds.), *Market Imperfections and Macroeconomic Dynamics*, 2002, Kluwer Academic Publishers.

[5] „Time-Elimination Method: Ein Numerisches Beispiel“, *WiSt*, 12, 2000, 707-10.

[4] comment on „Neue Wachstumstheorie und Theorie realer Konjunkturzyklen“, by Bernd Lucke, in: H.~Hesse, B.~Gahlen and H.J.~Ramser, eds., *Trend und Zyklus*, 1999, JCB Mohr, Tübingen, 71-76.

[3] „Einkommensverteilung und Wachstum“ (with Andreas Schabert), *WiSt*, 12, 1996, 623-27.

[2] „Modellkonzepte der dynamischen Makroökonomik“ (with Alfred Maussner), *WiSt*, 2, 1995, 58-64.

[1] „Lösung dynamischer Probleme mit Hilfe der Kontrolltheorie“, *WiSt*, 6, 1995, 302-305.

Book Reviews

[3] Auerbach, A., and H. Herrmann (eds.), “Ageing, Financial Markets and Monetary Policy”, in: *Weltwirtschaftliches Archiv*, Band 138, 2002, 747-751.

[2] Marimon, R., and A. Scott (eds.), “Computational Methods for the Study of Dynamic Economies”, in: *Kyklos*, 1999, vol. 52, 610-613.

[1] Judd, K.L., “Numerical Methods in Economics”, in: *Kyklos*, 1999, vol. 52, 118-120.

REFEREE FOR ACADEMIC JOURNALS

American Economic Review; Applied Economic Letters; CESifo Economic Studies; Economic Modeling; Economics Bulletin; Empirical Economics; Environmental Development Review; European Economic Review; Finanzarchiv; German Economic Review; International Tax and Public Finance; Journal of Economic Dynamics and Control; Journal of International Money and Finance; Journal of Macroeconomics; Journal of Money, Credit and Banking; Journal of Public Economics; Macroeconomic Dynamics; Quantitative Economics; Review of Economic Dynamics; Scandinavian Journal of Economics; Scottish Journal of Political Economy; Southern Economic Journal; Weltwirtschaftliches Archiv

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