

## Prof. Dr. Maarten Goos

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Adam Smith Hall  
Kriekenpitplein 21-22  
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Netherlands

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Nationality: Belgian  
Born: 21 March 1975

### SPECIALISATION

I am interested in the impact of technological change on labor markets, including job polarization. My work also focusses on various explanations for the falling labor share, and non-competitive drivers of inequality such as the importance of firm wage premia, monopsony, and power and institutions in labor markets.

### EDUCATION

2006	PhD in Economics, <b>London School of Economics</b>
2000	Master of Advanced Studies in Economics, <b>KU Leuven</b>
1998	Bachelor of Science in Economics, <b>KU Leuven</b>

### ACADEMIC APPOINTMENTS

2020-	Instituut Gak Endowed Professor, <b>Utrecht University</b>
2015-2020	Full Professor, <b>Utrecht University</b>
2011-2015	Associate Professor, <b>KU Leuven</b>
2006-2011	Assistant Professor, <b>KU Leuven</b>
2005-2006	Assistant Professor, <b>Erasmus University Rotterdam</b>

### OTHER ACADEMIC APPOINTMENTS

2021-present	Advisory Board <b>Goldschmeding Foundation</b>
2020-present	Research Associate, Centre for European Economic Research ( <b>ZEW</b> )
2018-present	Academic Partner, Dutch Bureau of Economic Policy Analysis ( <b>CPB</b> )
2022-Fall	Block Center for Technology and Society, <b>Carnegie Mellon University</b>
2022-Summer	Advisor to Trade and Technology Council, <b>European Commission</b>
2018-2019	Chair of High-Level Expert Group, <b>European Commission</b>
2019-Spring	Technology and Policy Research Initiative, <b>Boston University</b>
2018-Spring	Technology and Policy Research Initiative, <b>Boston University</b>
2017-Spring	Initiative on the Digital Economy, <b>MIT</b>
2014-Spring	Centre for European Economic Research ( <b>ZEW</b> )
2010-2013	Dept. of Management Sc. and Innovation, <b>University College London</b>
2009-Winter	Centre for Economic Performance (CEP), <b>LSE</b>
2008-Spring	Department of Economics, <b>Fudan University</b>
2003-2004	Industrial Relations Section, <b>Princeton University</b>
2000-2003	Centre for Economic Performance (CEP), <b>LSE</b>

1998-2000      Department of Economics, **KU Leuven**

## MANAGEMENT

2021-2023      Head, Section Economics, Utrecht School of Economics  
2016-2020      Co-founder and co-coordinator, Future of Work Hub, Utrecht University  
2017-2019      Head, Section Economics, Utrecht School of Economics  
2016-2018      Coordinator, Research Action through Interdisciplinary Networks, KU Leuven  
2011-2017      Copromotor, Centre for Institutions and Economic Performance, KU Leuven  
2009-2015      Coordinator, Student Exchange Program, Department of Economics, KU Leuven  
2007-2011      Copromotor, Steunpunt Werk en Sociale Economie (WSE), KU Leuven

## GRANTS AND AWARDS

2020-          Instituut Gak Endowed Professor, Utrecht University  
2018-2021      Inclusive Robotics for a better Society (INBOTS), Horizon2020  
2017-2021      NWO Research Talent Grant  
2016-2020      Future of Work, Utrecht University  
2016-2018      Belgian Research Action through Interdisciplinary Networks  
2014-2018      Research Foundation Flanders  
2011-2017      Centre for Institutions and Economic Performance, KU Leuven  
2010-2014      Research Foundation Flanders  
2009          P.W. Segers Research Prize, University of Antwerp  
2008-2011      Research Foundation Flanders  
2007-2011      Steunpunt Werk en Sociale Economie  
2006-2007      Best Teacher Award, KU Leuven  
2001-2005      Economic and Social Research Council Scholarship, LSE  
2004-2005      Best Teacher Award, LSE  
2003-2004      Industrial Relations Section Scholarship, Princeton University

## KEYNOTES

2022          Nederlands Genootschap Sociale Zekerheid, 2022/12/12  
2019          Digital Assembly 2019, Bucharest, 2019/06/14  
2019          EMAEE 2019, University of Sussex, Brighton, 2019/06/04  
2019          European Commission, The Future of Work, Brussels, 2019/04/09  
2018          European Commission ICT 2018 Event, Vienna, 2018/12/06  
2018          EIB-ECB-Columbia University Conference, Luxembourg, 2018/11/29  
2018          H2020 INBOTS Conference, Pisa, 2018/10/17  
2017          Randstad Conference, Amsterdam, 2017/09/21  
2017          Centraal Bureau voor de Statistiek, Heerlen, 2017/01/13  
2016          Connect University, Brussels, 2016/06/24  
2015          Startdag Vlaamse Onderwijsraad, Brussels, 2015/09/17  
2015          European Robotics Conference, Vienna, 2015/03/11  
2014          Industrial Economics Day, Brussels, 2014/12/15  
2014          Europe2020 Conference, Rome, 2014/12/04  
2014          Nanoelectronics/EESRC Conference, Brussels, 2014/11/12  
2014          ETUC/ETUI Conference, Brussels, 2014/09/25  
2014          Day of Inequality, Utrecht, 2014/09/24  
2014          CAOP, The Hague, 2014/06/24  
2014          European Robotics Conference, Rovereto, 2014/03/13

- 2013 The Future of Work, ILO, Geneva, 2013/12/06
- 2013 Euroforum symposium, Leuven, 2013/04/26
- 2012 Visie 2012, Sp.a Conferentie, Ghent, 2012/12/04
- 2010 T.A.S.K.S. Workshop, BiBB/AIB, Nuremberg, 2010/05/17-18
- 2009 Matching Skills and Jobs, CEDEFOP, Thessaloniki, 2009/06/10-11
- 2009 Jobs Project OECD/CEDEFOP Conference, Thessaloniki, 2009/02/20
- 2005 Day for Belgian Labour Economists, Ghent, 2005/05/30

## PUBLICATIONS

- 2023 “What Happens to Workers at Firms that Automate”, with Jim Bessen, Anna Salomons and Wiljan van den Berge, forthcoming in ***Review of Economics and Statistics***.
- 2023 “The Governance of AI”, with Maria Savona, forthcoming in ***Research Policy***.
- 2022 “Job Polarization: Its History, an Intuitive Framework, and Some Empirical Evidence”, with Emilie Rademakers, Anna Salomons, and Marieke Vandeweyer, *The Oxford Handbook of Job Quality*, Oxford University Press.
- 2021 “Routine-Biased Technological Change: Individual-Level Evidence from a Plant Closure”, with Emilie Rademakers and Ronja Roettger, ***Research Policy***, May 2021, 104002.
- 2020 “Technology Implementation Within Enterprises and Job Ending Among Employees: A Study of the Role of Educational Attainment, Organizational Tenure, Age and Unionization”, with Jannes ten Berge, Zoltan Lippenyi and Tanja van der Lippe, ***Research in Social Stratification and Mobility***, October 2020.
- 2020 “Routine-Biased Technical Change: Individual-Level Evidence from a Plant Closure”, with Emilie Rademakers and Ronja Roettger, ***Research Policy***, May 2020, 104002.
- 2020 “Firm-Level Automation: Evidence from the Netherlands”, with James Bessen, Anna Salomons and Wiljan van den Berge, ***American Economic Association Papers & Proceedings***, Vol. 110, May 2020, p. 389-393.
- 2019 “Markets for Jobs and Their Task Overlap”, with Emilie Rademakers, Anna Salomons and Bert Willekens, ***Labour Economics***, Vol. 61, December 2019, 101750.
- 2019 “Technology Implementation Within Enterprises and Changes in the Educational and Age Composition of Enterprise Workforces”, in *Investments in a Sustainable Workforce in Europe*, eds. Tanja van der Lippe and Zoltan Lippenyi, Routledge, p. 205-224.
- 2018 “The Impact of Technological Progress on Labour Markets: Policy Challenges”, ***Oxford Review of Economic Policy***, Vol. 34, Issue 3, July 2018, p. 362-375.
- 2018 “Job Polarization: An Historical Perspective”, with Erik Buyst and Anna Salomons, ***Oxford Review of Economic Policy***, Vol. 34, Issue 3, July 2018, p. 461-474.
- 2018 “Local High-Tech Job Multipliers in Europe”, with Joep Konings and Marieke Vandeweyer, forthcoming in ***Industrial and Corporate Change***, published online on 24 April 2018, p. 1-17.
- 2017 “Measuring Teaching Quality in Higher Education: Assessing Selection Bias in Course Evaluations”, with Anna Salomons, ***Research in Higher Education***, Vol. 58, Issue 4, June 2017, p. 341-364-24.
- 2015 “Explaining Job Polarization: Routine-Biased Technological Change and Offshoring”, with Alan Manning and Anna Salomons, in: *Trade and Inequality*, ed. Pinelopi K. Goldberg, Edward Elgar, Part 1, Chapter 6.

- 2014 “Explaining Job Polarization: Routine-Biased Technological Change and Offshoring”, with Alan Manning and Anna Salomons, ***American Economic Review***, Vol. 104, No. 8, August 2014, p. 2509-2526.
- 2014 “A Review of “Occupational Change in Europe: How Technology and Education Transform the Job Structure”, with Anna Salomons, ***Industrial and Labor Relations Review***, Vol. 67, No. 3, July 2014, p. 1050-1052.
- 2013 “Platform Pricing in Matching Markets”, with Patrick Van Cayseele and Bert Willekens, ***Review of Network Economics***, December 2013; 12(4), p. 437-457.
- 2009 “Job Polarization in Europe”, with Alan Manning and Anna Salomons, ***American Economic Review Papers & Proceedings***, Vol. 99, Nr. 2, p. 58–63.
- 2008 “Lousy and Lovely Jobs: The Rising Polarization of Work in Britain”, with Alan Manning, in: *Segmented Labor Markets and Labor Mobility*, ed. Michael Reich, Edward Elgar, Vol. II, Part 1, Chapter 5.
- 2007 “Lovely and Lousy Jobs: The Rising Polarization of Work in Britain”, with Alan Manning, ***The Review of Economics and Statistics***, MIT Press, Vol. 89, Nr. 1, p. 118-133.
- 2003 “McJobs and MacJobs: The Growing Polarization of Work in Britain”, with Alan Manning, in: *The State of Working Britain*, eds. Richard Dickens, Paul Gregg and Jonathan Wadsworth, Palgrave MacMillan, p. 71-85.

## TEACHING

2019-present	Graduate Labor Economics, Utrecht School of Economics
2017-present	Undergraduate Labor Economics, Utrecht School of Economics
2015-2018	Honours Course, Utrecht School of Economics
2010-2015	Graduate Labor Economics, KU Leuven
2009-2015	Labor Economics, KU Leuven
2007-2015	Macroeconomics, KU Leuven
2010-2013	Economics for Business Students, University College London
2006-2009	Theory of Economic Growth, KU Leuven
2008	Graduate Labor Economics, Fudan Universiteit
2006-2008	Graduate Macroeconomics, KU Leuven
2005-2006	Graduate Labor Economics, KU Leuven
2005-2006	Labor Economics, Erasmus University Rotterdam
2005-2006	International Economics, Erasmus University Rotterdam
2001-2005	Labor Economics, LSE
2002-2003	Advanced Labor Economics, KU Leuven
2000-2001	Undergraduate International Economics, LSE

## REFEREEING

American Economic Journal: Macroeconomics  
American Economic Review  
The American Statistician  
Berkeley Electronic Journal of Economic Analysis and Policy  
British Journal of Industrial Relations  
Econometrica  
Economica  
Economic Journal  
Economic Policy  
Environment and Planning

European Economic Review  
European Journal of Industrial Relations  
European Journal of Social Security  
European Research Council  
Industrial and Labor Relations Review  
International Economic Review  
Journal of Economic Inequality  
Journal of Human Resources  
Journal of Labor Economics  
Journal of Development Economics  
Journal of the European Economic Association  
Journal of Political Economy  
Journal of Population Economics  
Labour Economics  
Labour: Review of Labour Economics and Industrial Relations  
Oxford Bulletin of Economics and Statistics  
Oxford Economic Papers  
Quarterly Journal of Economics  
Regional Studies  
Research Policy  
Review of World Economics  
Scandinavian Journal of Economics  
Scottish Journal for Political Economy  
SERIEs Journal of the Spanish Economic Association  
Social Science and Humanities Research Council Canada  
Social Science Research  
Socio-Economic Review  
Technology Forecasting and Social Change  
Urban Studies  
US National Science Foundation

### **PhD students**

Ellen van 't Klooster  
Victor Picado  
Bas Scheer  
Ronja Rottger  
Emilie Rademakers  
Marieke Vandeweyer  
Bert Willekens

### **PRESENTATIONS**

Tilburg University, 2023/09  
Nederlands Genootschap Sociale Zekerheid, 2022/12  
Digital Assembly, Bucharest, 2019/06  
OECD, Paris, 2019/05  
EC, Brussels, 2019/04  
REBO Research Day, Utrecht University, 2018/06  
Cyprus, EUROEMP Conference, 2018/05  
Rabobank Conference, 2018/05

Berlin, Bertelsmann Stiftung, 2017/05  
MIT, Cambridge, 2017/04  
OECD, Paris, 2017/01  
Connect University, Brussel, 2016/06  
OECD, Paris, 2016/06  
European Commission, Brussels, 2016/05  
Onderwijsraad, Den Haag, 2016/05  
Universiteit van Groningen, 2016/05  
American Economic Association, San Francisco, 2016/01  
Sociaal Economische Raad, Den Haag, 2015/12  
Maatschappelijke Adviesraad, Utrecht, 2015/10  
Vlor Startdag, Vlaams Parlement, Brussel, 2015/09  
Robots in de Zorg, Universiteit Utrecht, 2015/06  
Technology and Jobs, European Commission, Brussel, 2015/05  
Technology and Jobs, European Parliament, Brussel, 2015/05  
Robots Out of the Cage, European Parliament, Brussel, 2015/04  
European Robotics Forum, Vienna, 2015/03  
Industrial Economics Day, Brussel, 2014/12  
Europe2020 Conference, Rome, 2014/12  
Nanoelectronics/EESRC Conference, 2014/11  
Jaarcongres Ministerie van Sociale Zaken en Werk, Den Haag, 2014/09  
ETUC/ETUI Conference, Brussel, 2014/09  
Day of Inequality, Utrecht, 2014/09  
CAOP, Den Haag, 2014/06  
Europe's Science and Technology Advisory Council, Brussel, 2014/05  
DG Connect and Google, Brussel, 2014/04  
DG Employment, Social Affairs and Inclusion, Brussel, 2014/04  
EURobotics Conference, Rovereto, 2014/03  
The Future of Work, ILO, Gevena, 2013/12  
Euroforum: 'Europe2020: Academics and Policymakers in Dialogue', Leuven, 2013/04  
Visie 2012, Sp.a Conferentie, Gent, 2012/12  
Maastricht University, 2012/11  
VIBAM, Maastricht, 2012/01  
Economische Commissie, Vereniging voor Belgische Ondernemingen, Brussel, 2010/12  
T.A.S.K.S. Workshop, BiBB/AIB, Nuremberg, 2010/05  
London School of Economics, Tuesday Seminar, 2009/11  
EUROFOUND, Salamanca, 2009/07  
Matching Skills and Jobs, CEDEFOP, Thessaloniki, 2009/06  
Econometric Society Summer Meeting, Boston, 2009/06  
Jobs Project OECD/CEDEFOP, Thessaloniki, 2009/02  
Antwerp University, Department of Economics Seminar, 2009/04  
American Economic Association, San Francisco, 2009/01  
Eures Seminar, Middelkerk, 2009/02  
University of Leuven, CES seminar, 2008/12  
Fudan University Shanghai, 2008/03  
Utrecht University, 2007/10  
University of Amsterdam, 2007/09  
Erasmus University Rotterdam, 2007/09  
University of Louvain, 2006/11  
Erasmus University Rotterdam, 2006/05  
Centre for Economic Performance Annual Conference, Warwick, 2005/05

Day for Belgian Labour Economists, Gent, 2005/02  
Tilburg University, 2005/02  
University of Bern, 2005/02  
Queen Mary University of London, 2005/02  
University of Leuven, 2005/02  
University of Quebec at Montreal, 2005/01  
Erasmus University, 2005/01  
Econometrics of Labor Demand Conference, University of Mons, 2004/10  
Princeton University, 2004/03, 2004/07  
Society of Labor Economists, San Antonio, 04/2004  
London School of Economics Workshop, 2003/03, 2003/05, 2004/01, 2004/10  
London School of Economics Tuesday Seminar, 2003/02, 2004/10  
European Association of Labour Economists, Seville, 2003/09  
IZA Summer School, Munich, 2000/05  
European Association of Research in Industrial Economics, Lausanne, 1999/09