

Anna Margriet Salomons

Utrecht School of Economics
Utrecht University
Kriekenpitplein 21-22
3584 EC Utrecht
The Netherlands

citizenship: Dutch
date & place of birth: 06/08/1983, Groningen
phone: +31 6 28025152
fax: +31 30 253 7373
email: a.m.salomons@uu.nl

POSITIONS

Professor of Employment & Inequality, Utrecht School of Economics, Utrecht University, February 2018 – current
Visiting researcher, Technology & Policy Research Initiative (TPRI), Boston University, Boston, March 2018 – July 2018; April 2019 – July 2019
Associate professor of applied econometrics, Utrecht School of Economics, Utrecht University, January 2016 – February 2018
Visiting researcher, Department of Economics, Massachusetts Institute of Technology, Cambridge, February 2017 – August 2017
Assistant professor of applied econometrics, Utrecht School of Economics, Utrecht University, September 2011 – December 2015
Affiliated researcher, Research Centre for Education and the Labour Market (ROA), Maastricht University, September 2015 – current
Affiliated researcher, Center for Economic Studies, University of Leuven, September 2012 – current
Visiting researcher, Centre for European Economic Research (ZEW), Mannheim, June 2014 – July 2014 & March 2016
Visiting researcher, Centre for Economic Performance, London School of Economics, October 2009 – February 2010
Researcher, Steunpunt Werk en Sociale Economie (Knowledge Center Work and Social Economics), Leuven, 2007 – 2011

RESEARCH GRANTS AND PRIZES

Dutch National Science Foundation (NWO) Veni grant, EUR 250K, awarded August 2015
Best paper prize at “New Empirical Developments in Health and Labor Markets” conference, UniCredit & Universities Foundation, 05/2016 (with Terry Gregory and Ulrich Zierahn)
Utrecht University “Institutions” Seed Money for interdisciplinary research projects, EUR 23K, 2014 (with Madeleine de Cock-Buning, School of Law, Utrecht University)
Strengthening Efficiency and Competitiveness in the European Knowledge Economies (SEEK) grant, EUR 180K, 04/2013 – 09/2014 (with Terry Gregory and Ulrich Zierahn)
Senior Research Prize, Utrecht University School of Economics, 12/2014

DOCTORAL STUDIES

Ph.D., Economics, Center for Economic Studies, University of Leuven (KU Leuven), Belgium. PhD scholarship granted by Steunpunt Werk en Sociale Economie. Obtained July 2012.

PRE-DOCTORAL STUDIES

M.Sc., Economics, Erasmus University Rotterdam, the Netherlands, 2007, summa cum laude
Exchange program, Faculty of Economics, University of Buenos Aires, Argentina, 2005
Summer program in Economics, Erasmus University Rotterdam, the Netherlands, 2004

B.A., Humanities with a minor in Economics, University College Utrecht, the Netherlands, 2004, summa cum laude

PUBLICATIONS

- "Markets for Jobs and Their Task Overlap," *Labour Economics* Volume 61, December 2019 (with Maarten Goos, Emilie Rademakers and Bert Willekens).
- "Is Automation Labor-Displacing? Productivity Growth, Employment, and the Labor Share," *Brookings Papers on Economic Activity*, spring 2018 (with David Autor).
- "Job Polarization: Its History, An Intuitive Framework and Some Empirical Evidence," *Oxford Handbook of Job Quality*, forthcoming (with Maarten Goos, Emilie Rademakers, and Marieke Vandeweyer).
- "Female CEOs, Board Context, and the Completion of Mergers and Acquisitions in the U.S. Food Industry," In: *More Women on Boards of Directors: An International Perspective*, Lynne E. Devnew, Ronald J. Burke, Marlene Janzen Le Ber, and Mariateresa Torchia (Eds), Edward Elgar Publishing, forthcoming 2018 (with Gerwin van der Laan and Katrin Muehlfeld).
- "Job Polarization: An Historical Perspective," *Oxford Review of Economic Policy*, 34(3): 461-474, July 2018 (with Erik Buyst and Maarten Goos).
- "Robocalypse Now: Does Productivity Growth Threaten Employment?," *European Central Bank Conference Proceedings*, June 2017, pp. 45-118 (with David Autor).
- "Fear of Robots at Work: The Role of Economic Self-Interest," *Socio-Economic Review*, February 2017 (with Fabian Dekker and Jeroen van der Waal).
- "Measuring Teaching Quality in Higher Education: Assessing Selection Bias in Course Evaluations," *Research in Higher Education*, July 2016, 1-24 (with Maarten Goos).
- "Explaining Job Polarization: Routine-Biased Technological Change and Offshoring," *American Economic Review*, August 2014, 104(8): 2509–2526 (with Maarten Goos and Alan Manning).
- Article reprinted in: *The International Library of Critical Writings in Economics: Trade and Inequality*, Pinelopi Koujianou Goldberg (Ed.). Edward Elgar Publishing, 2015 (with Maarten Goos and Alan Manning).
- "A Review of "Occupational Change in Europe: How Technology and Education Transform the Job Structure," *Industrial and Labor Relations Review*, July 2014, 67(3): 1050–1052 (with Maarten Goos)
- "Job Polarization in Europe," *American Economic Review Papers and Proceedings*, May 2009, 99(2): 58-63 (with Maarten Goos and Alan Manning).

POLICY REPORTS AND PUBLICATIONS IN DUTCH

- "Automation: A Guide for Policymakers," Brookings Initiative on the Future of the Middle Class, 2019 (with James Bessen, Maarten Goos and Wiljan Van Den Berge).
- "Hoe Robots Beter Kunnen Werken – En Wij Ook," In: Scientific Council for Government Policy (WRR) Report *De Robot De Baas*, 2015.
- "Het Woord Aan...," *Economisch Statistische Berichten*, 2014.
- "De Fragiliteit van Belgische Beroepen op Lange en Korte Termijn," in: *Jaarboek Armoede en Sociale Uitsluiting 2010*, Ed. Jan Vranken, University of Antwerp.
- "De Gevolgen van Polarisatie van de Banenstructuur op de Arbeidsmarktkansen van Vrouwen, Ouderen en Laagopgeleiden," *Over.Werk* 19(3): 43-50, 2009.
- "De Veranderende Structuur en Kwaliteit van Banen in België," *Over.Werk* 19(3): 30-42, 2009 (with Maarten Goos).

- "Vraag en Aanbod op de Arbeidsmarkt voor Vaardigheden," *Over.Werk* 19(3): 18-29, 2009 (with Maarten Goos).
- "De Kwetsbaarheid van Beroepen op Lange en Korte Termijn in België," Steunpunt Werk en Sociale Economie (SWSE) Policy Report, 2011.
- "Kwalitatieve Veranderingen in de Banenstructuur in België en Vlaanderen," SWSE Policy Report, 2010.
- "Sectorale Job Creatie en Job Destructie in Vlaanderen," SWSE Policy Report, 2010 (with Maarten Goos).
- "Kwantitatieve Veranderingen in de Banenstructuur in België en Vlaanderen," SWSE Policy Report, 2009 (with Maarten Goos).

WORK IN PROGRESS

- "Evidence on Firms' Recent Automation Activities" (with James Bessen, Maarten Goos, and Wiljan Van Den Berge), forthcoming in *American Economic Association Papers & Proceedings*, 2020
- "Automatic Reaction: What Happens to Workers at Firms that Automate" (with James Bessen, Maarten Goos, and Wiljan Van Den Berge), [Discussion paper 2019](#).
- "Racing With or Against the Machine? Evidence from Europe" (with Terry Gregory and Uli Zierahn), [Discussion paper 2019](#)
- "New Frontiers: The Evolving Content and Geography of New Work in the 20th Century" (with David Autor), mimeo
- "Automation and Gender" (with Matías Cortés and Ana Oliveira), mimeo, commissioned by *Oxford Review of Economic Policy*
- "Out and Down? Firm Outsourcing Activity and Worker Outcomes" (with Maarten Goos, Bas Scheer, and Wiljan Van Den Berge), mimeo

PHD STUDENT SUPERVISION AND PROMOTION COMMITTEES

Emiel van Bezooijen (Utrecht University, PhD expected 2022), promotor, joint with Maarten Goos
Ronja Roettger (Utrecht University, PhD expected 2021), promotor, joint with Maarten Goos
Jan Verhoeckx (Radboud University, PhD expected 2020), promotor, joint with Utz Weitzel
Daan Freeman (University of Groningen, PhD expected 2020), promotion committee member
Dea Tusha (Utrecht University, PhD expected 2020), promotion committee member
Athene Laws (University of Cambridge, PhD 2019), promotion committee member
Milena Dinkova (Utrecht University, PhD 2019), promotion committee member
Franziska Heinicke (Utrecht University, PhD 2019), promotion committee member
Sabina Albrecht (University of Amsterdam, PhD 2018), promotion committee member
Marieke Vandeweyer (University of Leuven, PhD 2017), promotion committee member

OTHER PROFESSIONAL ACTIVITIES

Keynote speeches

- LISER-IAB Colloquium on Digital Economics, Luxembourg, scheduled 02/2020
TASKS V conference, Bonn, 02/2019
Workshop on Dynamics of Skills Supply and Demand, ROA, Maastricht, 11/2018
Eurkind (European Network on Knowledge, Innovation, Development) "Innovation, Employment & the Environment" conference, Valencia, 06/2016
Microevidence on labour market implications of globalization and agglomeration conference, Free University of Amsterdam & CPB, the Hague, 03/2013

Selected conference, seminar and workshop presentations (*presented by coauthor)

Applied Machine Learning Days (ALMD) conference, Lausanne, scheduled 01/2020
 Allied Social Science Associations (ASSA) annual meeting*, San Diego, scheduled 01/2020
 London Business School invited seminar, 12/2019
 NBER Economics of Artificial Intelligence conference, Toronto, 09/2019
 US Census bureau, Washington DC, 08/2019
 Conference on Challenges in the Digital Age, European Central Bank, 07/2019
 Workshop on The Labor Market Impact of Technological Change, Institute for Employment Research (IAB), Nuremberg, Germany, 07/2019
 Boston University TPRI workshop, 03/2018
 University of Barcelona invited seminar, 11/2017
 National Bureau of Economic Research (NBER) Economics of Artificial Intelligence Conference*, Toronto, 09/2017
 European Central Bank Annual Conference*, Sintra, 06/2017
 "Beyond Routine-Replacing Technological Change" conference, Sophia Antipolis, 06/2017
 New Approaches to Economic Challenges (NAEC) seminar, OECD, Paris, 01/2017
 University of Trier invited seminar, 06/2016
 University of Manchester invited seminar, 04/2016
 Skills, Occupations and Inequality conference, Mannheim, 03/2016
 Allied Social Science Associations (ASSA) annual meeting*, San Francisco, 01/2016
 Maastricht University invited seminar, 06/2015
 Leuven Economics of Education Research (LEER) Conference on Education Economics, 04/2015
 Free University of Amsterdam (VU) invited seminar, Tinbergen Institute, 03/2015
 "Day of (In)Equality" conference, Utrecht, 09/2014
 4th European Meeting of the Urban Economics Association*, St Petersburg, 08/2014
 European Society of Population Economics annual conference*, Braga, 06/2014
 Centraal Planbureau (CPB) invited seminar, The Hague, 05/2014
 Groningen University invited seminar, 03/2014
 Freiburg University invited seminar, 02/2014
 Centre for European Economic Research (ZEW) invited seminar, Mannheim, 04/2013
 Humboldt University invited seminar, Berlin 10/2012
 European Association of Labour Economists (EALE) conference, Bonn, 09/2012
 Globalization and Labour Market Outcomes Conference, International Labour Organization (ILO), Geneva, 06/2011
 Spring Meeting for Young Economists (SMYE) conference, University of Groningen, 04/2011
 Centre on Inequality, Poverty, Social Exclusion and the City (OASeS), University of Antwerp, 05/2010
 Doctoral Workshop, University of Louvain-la-Neuve, 05/2010
 The Econometric Society North American summer meeting*, Boston, 06/2009
 Allied Social Science Associations (ASSA) annual meeting*, San Francisco, 01/2009

Refereeing

CPB discussion paper series, *American Economic Journal: Applied Economics*, *American Economic Journal: Economic Policy*; *American Economic Journal: Macroeconomics*, *American Economic Review*, *American Economic Review: Insights*, *Economics Letters*, *European Economic Review*, European Research Council (ERC), Flanders Research Foundation (FWO), *Industrial and Corporate Change*, *Industrial and Labor Relations Review*, *Journal of the European Economic Association*, *Journal for Labour Market Research*, *Journal of Labor Economics*, *Labour Economics*, *Manchester School*, *Netherlands Organisation for Scientific Research (NWO)*, *Oxford Bulletin of Economics and Statistics*, *Regional Science and Urban Economics*, *Research Policy*, *Riksbankens Jubileumsfund*, *Review of Economics and Statistics*, *Scandinavian Journal of Economics*, *The Journal of International Trade & Economic Development*, *Quarterly Journal of Economics*

Conference (co-)organization & scientific committees

"Nederlandse Economendag", Royal Dutch Economic Association, Dutch Central Bank, 10/2019
 (scientific committee)

"New Paper Sessions", Royal Dutch Economic Association, 05/2019 (scientific committee)
"Economics, Governance and Management of Artificial Intelligence (AI), Robotisation and Digital Transformation", European Meeting on Applied Evolutionary Economics, University of Sussex 06/2019 (scientific committee)
"New paper sessions", Royal Dutch Economic Association KVS, 05/2018 (scientific committee)
"Beyond Routine-Replacing Technological Change" conference, Sophia Antipolis, 06/2017 (with Francesco Vona)
European Employment Research Dialogue (EERD) Meeting: Technology and Employment, Leuven, 11/2014 (with Maarten Goos and DG Employment)
TASKS IV conference "Labour Market Adjustments to Digitization and the Future of Work", Mannheim, 09/2016 (scientific committee)
TASKS II conference, Bonn, 01/2012 (session chair)

Selected public lectures and policy presentations

Compas Lecture, Center for Ethics and Human Values, Ohio State University, 04/2018
Lecture on Technology and Employment, Social security conference, Oslo, 12/2017
Panelist at Google event "A Conversation on the Future of Work", Helsinki, 10/2017
Lecture on Robots & Jobs at De Universiteit van Nederland, Club AIR Amsterdam, 09/2017
European Central Bank forum participant, Sintra, Portugal, 06/2017
Panelist at policy debate "De Toekomst van Werk: De Robot als Collega", Pakhuis De Zwijger, Amsterdam, 09/2016
Speaker at Alliance of Liberals and Democrats for Europe (ALDE) conference, Budapest, 11/2015
Panelist at book presentation "De Robot de Baas", Pakhuis De Zwijger, Amsterdam, 12/2015
Ministerial staff presentation, Dutch Ministry of the Interior and Kingdom Relations, The Hague, 06/2015
Speaker at European Employment Research Dialogue (EERD) Meeting: Technology and Employment, European Commission, 11/2014
Speaker at annual conference of the Dutch Ministry of Social Affairs and Employment (Sociale Zaken en Werkgelegenheid), The Hague, 09/2014
ABN Amro Annual Prinsjesdagseminar panelist (joint with Prof. Sylvester Eijffinger, ABN Amro Head Economist Han de Jong, and Agnes Jongerius), Topic: The Disappearing Middle Class, The Hague, 09/2014
"Robots and Jobs: Evidence and Challenges", pamphlet for SPARC European Robotics Partnership, distributed among SPARC partners and media, 08/2014
Presentation of policy report "Een Econometrische Evaluatie van Selectievertekening in Onderwijsbeoordelingen", Education Board, University of Leuven, 06/2014

Service

Mentor in female mentorship program, Institute for Employment Research (IAB), Germany, 2019-current
Chair of Examination Board, Utrecht University School of Economics, 2018-current
Hiring committee, Utrecht University School of Economics, 2014-current
Member of educational program accreditation committee, Honors Bachelor in Economics and Business, Utrecht University, 2015
Member of research assessment committee, Utrecht University School of Economics, 2015
Thesis audit committee, Utrecht University School of Economics, 2015
Member of project group designing Honors education program for the Bachelor in Economics, Utrecht University, 2013-2014
Member of project group redesigning the Bachelor in Economics, Utrecht University, 2013/2014
Workshop at the Open Days for Bachelor students, Utrecht University School of Economics, 2011-2016

TEACHING EXPERIENCE

Utrecht University

Econometrics, second year mandatory BSc course

Quantitative methods for PPE (Philosophy, Politics and Economics) joint degree program
Mathematics, first year mandatory BSc course
Statistics, first year mandatory BSc course
Stata programming for Bachelor and Master thesis writers
Thesis supervision for Bachelor in Economics and Business
Thesis supervision for Honors Bachelor in Economics and Business
Thesis supervision for Master in Economics and Business
Thesis supervision for Research Master in Multidisciplinary Economics
Studium Generale

University of Leuven

Labor Economics, MSc and Research Master course
Theory of Economic Growth, third year elective BSc course
Thesis supervision for Master in Economics
Thesis supervision for Research Master of Advanced Studies in Economics

TEACHING CERTIFICATION & AWARDS

Teaching Academy Utrecht University (TAAU) affiliation, 2016-current
Educational Leadership qualification, Center of Excellence in University Teaching (CEUT),
obtained 09/2016
Senior University Education Qualification (SKO), obtained 11/2015
Honors Education Qualification, obtained 11/2013
Basic University Education Qualification (BKO), obtained 11/2013
Winner of departmental teaching prize for the course with the highest student evaluation score in
the Bachelor of Economics, Econometrics, 2013
Top-rated teacher, survey organized by Economics student association, Utrecht University, 2013

PRESS COVERAGE OF RESEARCH

(Inter)national print media: The New York Times, The Washington Post, The Wall Street Journal,
The Economist, Huffington Post, De Volkskrant, Het Financieele Dagblad, Trouw, de
Telegraaf, De Groene Amsterdammer, HP/De Tijd, Metro, De Morgen, De Tijd, Le Soir,
Observador...
Online media: VoxEU.org, Bloomberg.com, Nu.nl, Makronom.de, Robotenomics.com, Apache.be,
...
Radio: BNR Nieuwsradio, NOS Journaal, Radio 1, Radio M Utrecht

Examples of press coverage:

- "Weerstand tegen de machines", De Groene Amsterdammer, 13 November 2019
- "The outlook is dim for American without a college degree," The Economist, 10 January 2019
- "Robotisering: banen verdwijnen maar er komen nieuwe voor terug," RTLZ, 17 September 2018
- "Robotisering verdeelt de samenleving," De Tijd, 7 May 2018
- "Investment and growth in advanced economies: Selected takeaways from the ECB's Sintra Forum," VoxEU.org, 23 August 2017
- "Why robots won't steal our jobs," *Charleston Gazette-Mail*, 14 August 2017
- "Robocalypse Now? Productivity and Employment in the Smart-Machine Age," *The Wall Street Journal*, 21 July 2017
- "Why robots won't steal all our jobs," *Daily Herald*, 19 July 2017
- "AI Arrives in Canada: Will Prosperity Follow?" *EE Times*, 19 July 2017
- "Why robots won't steal all our jobs," *The Business Times Singapore*, 18 July 2017

- "Yes, robots rob us of old jobs but also create new tech-inspired work," *Pretoria News South Africa*, 14 July 2017
- "Robots creëren nieuwe jobs," *De Standaard*, 13 July 2017
- "Nee, robots pikken uw job niet in," *De Standaard*, 13 July 2017
- "Why robots won't steal all our jobs," *The Washington Post*, 12 July 2017
- "Robocalipsis ya: la automatización según los bancos," *La Nación*, 15 July 2017
- "Should-Read: David Autor and Anna Salomons, Does Productivity Growth Threaten Employment?", *Brad DeLong*, <https://leaders.economicblogs.org/>
- "Robocalypse? Not now," *Sun Sentinel*, 10 July 2017
- "The robots are coming! Here's what to do about it." *The Washington Post*, 7 July 2017
- "Robots et emplois: un pessimisme mal placé," *Le Soir*, 5 July 2017
- "A caminho do Robocalypse?", *Observador*, 3 July 2017
- "Ainda temos empregos, são é empregos diferentes", *Observador*, 3 July 2017
- "Central Bankers Argue Whether Automation Will Kill Jobs," *The New York Times*, 28 June 2017
- "Rising Inequality May Be the Real Risk of Automation," *Bloomberg*, 27 June 2017
- "El riesgo real de la automatización es la creciente desigualdad," *Economíahoy.mx*, 27 June 2017
- "Verliert der mensch im wettlauf gegen die maschine?" *Makronom.de*, 19 September 2016
- "A hire power", *The Economist*, 29 July 2016
- "New research: fears of technological change destroying jobs may be overstated", *Robotenomics.com*, 28 July 2016
- "Zzp'ers en robots gaan niet samen", *De Volkskrant*, 7 January 2016
- "Al 154.000 administratieve banen weg door 'robots'", *De Volkskrant*, 4 October 2014
- "Tienduizenden banen weg door automatisering", *NU.nl*, 4 October 2014
- "De robot die alles kan moet nog worden uitgevonden", *De Volkskrant*, 4 October 2014
- "ICT op de basisschool", *Trouw*, 9 October 2014.
- "Middenklasse smelt weg", *De Standaard*, front page, 11 September 2014.
- "Meer ongelijkheid door polarisering", *De Standaard*, 11 September 2014.
- "Automatisering doet middensegment jobmarkt slinken", *De Tijd*, 11 September 2014.
- "Vraag het de UU: Gaan robots onze banen overnemen?", *De Telegraaf*, 16 May 2015
- "Documentaire over de robot-economie", Radio 1, 5 February 2014 & 7 February 2014
- "Een sluipend proces", *Trouw*, 2 April 2014
- "Muitende middenklasse dreigt", *Het Financieele Dagblad*, front page, 22 February 2014
- "Enkel nog topjobs en rotklussen", *Apache.be*, 21 June 2013
- "Middenklasse ziet banen verdwijnen", *De Volkskrant*, 13 October 2012.

LANGUAGES

Dutch: native

English: fluent

Spanish: fluent

German and French: basic/intermediate