

Curriculum Vitae

Ingmar Schumacher

born in Emmerich, Germany
in 1980
married, 2 children.



Academic functions

Professor of Environmental Economics, IPAG Business School Paris, France.

Co-editor of *Environmental and Resource Economics*.

Contact information

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France
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Research Interests

Environmental Economics
Macroeconomics
Applied Economics

Positions

since 04 / 2012	Professor in Economics, IPAG Business School, Paris, France.
2010 - 2012	Economist, Central Bank of Luxembourg, Luxembourg.
2009 - 2010	FNR Post-doctoral fellowship, Department of Economics, University of Luxembourg, Luxembourg.
2008 – 2009	Post-doctorant, Department of Economics, École Polytechnique Paris,

France.
2007 – 2008 Post-doctorant, Department of Economics, University of Trier, Germany.

Education

2003 – 2007 PhD thesis in Economics entitled "Endogenous Preferences, Technical Change and Sustainability", Université catholique de Louvain, Louvain-la-Neuve, in CORE, Louvain-la-Neuve, Belgium (under supervision of Claude d'Aspremont and Thierry Brechet).
2002 – 2003 MSc Economics, London School of Economics, United Kingdom.
1999 – 2002 BSc Economics, University of Essex, United Kingdom.
1997 – 1999 'A'-Level, Royal Wolverhampton School, Wolverhampton, United Kingdom.

Publications (articles)

forthcoming

2018

[26] The Aggregation Dilemma in Climate Change Policy Evaluation, **Climate Change Economics**, Volume 9, Issue 3, DOI: 10.1142/S2010007818500082.

2017

[25] An Empirical Study on the Impact of Basel III Standards on Banks' Default Risk: The Case of Luxembourg, **Journal of Risk and Financial Management**, Volume 10, Issue 2, doi:10.3390/jrfm10020008 (joint with Gaston Giordana)

[24] The consequences of a one-sided externality in a dynamic, two-agent framework, **European Journal of Operational Research**, Volume 257, Issue 1, 16 February 2017, Pages 310–322 (joint with Georg Müller-Fürstenberger)

[23] Is environmentally-induced income variability a driver of migration? A macroeconomic perspective (joint with Luca Marchiori and Jean-Francois Maystadt), **Migration & Development**, Volume 6, Issue 1, Pages 33-69
<http://dx.doi.org/10.1080/21632324.2015.1020106>

2016

[25] Discussion of 'Climate Policy' (Hassler, J. and Krusell, P. and Nycander, J.), **Economic Policy**, Special Issue of the 2015 Panel Meeting. Economic Policy (2016) 31 (87): 503-558. DOI: <https://doi.org/10.1093/epolic/eiw007>

2015

- [21] How Beliefs Influence the Willingness to Contribute to Prevention Expenditure. **American Journal of Agricultural Economics**, Volume 97, Issue 5, Pages 1417-1432 [doi: 10.1093/ajae/aav011](https://doi.org/10.1093/ajae/aav011) (Data available upon request)
- [20] The endogenous formation of an environmental culture, **European Economic Review**, Volume 76, May 2015, Pages 200–221
- [19] Insurance and Climate-Driven Extreme Events, (with Georg Müller-Fürstenberger), **Journal of Economic Dynamics and Control**, Volume 54, May 2015, Pages 59–73
- [18] Threshold Preferences and the Environment, (with Benteng Zou) **Journal of Mathematical Economics**, Volume 60, October 2015, Pages 17–27

2014

- [17] An Empirical Study of the Determinants of Green Party Voting, **Ecological Economics**, Volume 105, pp. 306-318.
- [16] On the Self-Fulfilling Prophecy of Sovereign Ratings, **Economic Modelling**, Volume 38, pp. 351-356.

2013

- [15] The Impact of the Basel III Liquidity Regulations on the Bank Lending Channel: A Luxembourg case study, **International Review of Applied Economics**, Volume 27, Issue 5, 2013, pp. 633-655 (with G. Giordana).
- [14] Political Stability, Corruption and Trust in Politicians, **Economic Modelling**, Volume 31, March 2013, pp. 359-369.
- [13] What are the Bank-specific and Macroeconomic Drivers of Banks' Leverage: Evidence from Luxembourg, **Empirical Economics**, Volume 45, Issue 2, 2013, pp. 905-928 (with Gaston Giordana).
- [12] Technological Opportunity, Long-Run Growth and Convergence, **Oxford Economic Papers**, Volume 65, Issue 2, 2013, pp. 323-351 (with Jakub Growiec).

2012

- [11] The Impact of Weather Anomalies on Migration in sub-Saharan Africa, **Journal of Environmental Economics and Management**, Volume 63, 2012, pp. 355–374 (with Jean-Francois Maystadt and Luca Marchiori).
- [10] Learning-by-doing and the Costs of a Backstop for Energy Transition and Sustainability, **Ecological Economics**, Volume 73, January 2012, pp. 122-132 (with Pierre-André Jouvét).

2011

- [9] Economic development and losses due to natural disasters: The role of hazard exposure, **Ecological Economics**, Volume 72, December 2011, pp. 97-105 (with Eric Strobl).
- [8] When should we stop extracting non-renewable resources?, **Macroeconomic Dynamics**, Volume 15, Issue 4, 2011, pp. 495-512.
- [7] Endogenous Discounting and the Domain of the Felicity Function, **Economic Modelling**, Volume 28, Issue 1-2, 2011, pp. 574-581.
- [6] When Nature Rebels: International Migration, Climate Change and Inequality, **Journal of Population Economics**, Volume 24, Issue 2, 2011, pp. 569-600 (with Luca Marchiori).

2010

- [5] Ecolabeling, Consumers' Preferences and Taxation, **Ecological Economics**, Volume 69, Issue 11, September 2010, pp. 2202-2212.

2009

- [4] The dynamics of environmentalism and the environment, **Ecological Economics**, Elsevier, Volume 68, Issue 11, September 2009, pp. 2842-2849.
- [3] Endogenous discounting via wealth, Twin-Peaks and the role of technology, **Economics Letters**, Volume 103, Issue 2, May 2009, pp. 78-80.

2008

- [2] On Technical Change in the Elasticities of Resource Inputs, **Resources Policy**, Volume 33, Issue 4, 2008, pp. 210-221 (with Jakub Growiec).
- [1] Pollution Perception: A challenge for Intergenerational Equity, **Journal of Environmental Economics and Management**, Volume 55, Issue 3, May 2008, pp. 296-309 (with Benteng Zou).

Publications (cartes blanches)

- [16] Environmental Migration as an Adaptation Strategy in sub-Saharan Africa (with L. Marchiori, J.F. Maystadt), UN conference proceedings, forthcoming.

2016

- [15] What is better climate policy - emission reductions or adaptation? **EAERE newsletter**, Spring 2016

2015

- [14] Nicht kooperativ: Internationale Konflikte in der Atomkraft am Beispiel Cattenom, **Forum**, Ausgabe 347.

2014

- [13] The true cost of disaster insurance makes nuclear power uncompetitive, **The Ecologist**, <http://bit.ly/1nWjQbu>, 6th February.

2013

- [12] The Ambient Carbon Capture Imperative, **Project Syndicate**, Online Commentary, 26th June 2013.

2012

- [11] Das schwächste Glied, **Luxemburger Wort**, Samstag 2. Juni.

2011

- [10] The Impact of the Basel III Liquidity Regulations on the Bank Lending Channel in Luxembourg (with G. Giordana), **Finance Nation** n° 5, 2011.

- [9] The ups and downs of Luxembourg's leverage cycle (with G. Giordana), **Finance Nation** n° 4, 2011.

- [8] The Impact of the Basel III Liquidity Regulations on the Bank Lending Channel in Luxembourg (with G. Giordana), Banque centrale du Luxembourg, **Financial Stability Review 2011**.

- [7] The leverage cycle in Luxembourg's banking sector (with G. Giordana), Banque centrale du Luxembourg, **Financial Stability Review 2011**.

- [6] Developing supported, effective and transparent mitigation strategies in developing countries, in *Global Corruption Report: Climate Change*, **Transparency International**, 2011 (joint with Juan Pablo Osorio and Krina Despota).

2010

- [5] Ökolabels in Luxembourg, **Brennpunkt**, ASTM, Nr. 260, 2010.

- [4] Mikrokredite: Die Kleinen kommen ganz groß raus, **Luxemburger Wort**, Samstag, 12. Juni 2010.

- [3] Was kann der Grüne Kopenhagen Klimafond wirklich erreichen?, 2010, **Brennpunkt**, ASTM, Nr. 254.

- [2] Geldpolitik und die ökonomische Krise, **Luxemburger Wort**, 5. Juni 2010.

2007

- [1] Mikrofinanz-Investmentfonds und ihre Mikrotransparenzen, 2007, **Brennpunkt**, ASTM, Nr. 239, 2009.

- [8] The role of conflict for optimal climate and immigration policy Leverage (joint work with Fabien Prieur), May 2016
- [7] Climate policy must favor mitigation over adaptation, April 2016
- [6] Macroeconomic Conditions and Financial Sector Leverage (joint work with Gaston Giordana), March 2012, BCL Working Paper Series No. 77. (*revise & resubmit, Empirical Economics*)
- [5] Bank Specialization And Leverage Dynamics in Europe (joint work with Gaston Giordana), March 2012, mimeo. (*revise & resubmit, Economic Modelling*)
- [4] The impact of the Basel III regulations on bank default (joint work with G. Giordana), April 2011, BCL Working Paper Series No. 79. (*submitted*)
- [1] When does financial sector (in)stability induce financial reforms? (joint work with S. Lee), June 2011, Cahier de recherche 2011-21, Ecole Polytechnique Paris. (*submitted*)

Other positions and visits

Visits

University of Copenhagen (September 2008)
 Université de Paris 1 (October 2007)
 Université Louis Pasteur, Strasbourg (February 2007)
 University of Warsaw (December 2006)
 University of Bielefeld (September 2006)
 Zhejiang University, China (July 2006)

Other positions

Working Group IV, National Centre for Competence in Research, Switzerland, 2007-2009
 Climneg, Senior researcher, Belgium, 2007
 Research Assistant, Chair Lhoist Bergmans, CORE, Belgium, 2006 and 2007
 Research Assistant, Climneg II, Belgium, 2005.

Presentations and Visits

2018

International workshop on climate change and migration, Zurich, August 2018 ## SURED, Ascona, June 2018 ## ISEFI, May 2018 ## 9th International Research Meeting on Business and Management, July 2018

2017

Invited seminar, University of Lausanne, December 2017 ## Invited seminar in PSE, December 2017 ## UECE Game Theory Lisbon Meetings, November 2017 ## 8th International Research Meeting on Business and Management, July 2017 ## 23rd Annual Conference of the European Association of Environmental and Resource Economists, June/July 2017 ## MS Wissenschaft, Dialog an Deck, Deutsches Ministerium für Forschung und Entwicklung, Trier, May 2017 ## Invited Seminar, University of Nanterre, March 2017

2016

Invited Seminar, University of Evry, November 2016 ## Environmental and Natural Resources Conservation workshop, Montpellier, November 2016 ## Sustainability workshop, Rouen, October 2016 ## 3rd annual conference of the FAERE, September 2016 ## 7th International Research Meeting, Nice, July 2016 ## EAERE 2016 annual conference, Zurich, June 2016 ## SURED conference 2016, Banyuls-sur-Mer, June 2016 ## Invited seminar, Kiel University, Kiel, May 2016 ## CORE@50 Conference, Louvain-la-Neuve, April 2016 ## 11th Tinbergen Institute Conference “Combating Climate Change, Lessons from Macroeconomics, Political Economy and Public Finance”, Amsterdam, April 2016 ## 9th Belgian Environmental Economics Day, Louvain-la-Neuve, January 2016 ## Climate Ethics and Climate Economics: Discounting the Future, Oxford, January 2016

2015

UECE Lisbon Game Theory and Applications 2015, Lisbon, November 2015 ## 62nd Economic Policy Panel, Central Bank of Luxembourg, Luxembourg, October 2015 ## 4th Benelux Association for Energy Economics Workshop, October 2015 ## Invited Seminar, INRA, Nancy, October 2015 # 4th International Workshop on Natural Resources, Environment and Economic Growth, St Petersburg, October 2015 ## 2nd FAERE annual conference, Toulouse, September 2015 # # Jahrestagung 2015 des Vereins für Socialpolitik, Münster, September 2015 # # Our Common Future Under Climate Change conference, July 2015 # # The changing role of economists and economics in nuclear policy and politics, Paris, July 2015 # # Public Economic Theory Conference, Luxembourg, July 2015 # # 13th Viennese Workshop on Optimal Control and Dynamic Games, Vienna, May 2015 # # Séminaire en économie de l'environnement et des ressources naturelles à la Maison des Sciences Economiques, Paris School of Economics, Paris, April 2015 # # 8th Belgium Environmental Economics Day, Louvain-la-Neuve, February 2015

2014

Monte Verità Conference on Sustainable Resource Use and Economic Dynamics SURED 2014, Ascona, June 2014 ## EAERE European Association of Environmental and Resource Economists 2014, Istanbul, July 2014 ## International Research Meeting in Business and Management, Nice, July 2014

2013

Natural Resources, Environment, Urban Economics, International Trade and Industrial Organization, Saint-Petersburg, October 2013 ## Public Economic Theory Conference, Lisbon, July 2013 ## 4th International Research Meeting Conference, Nice, July 2013 # # Invited Seminar, Ecole Polytechnique Paris, May 2013 # # Invited Seminar, University of Luxembourg, April 2013

2012

Innovations sociétales et entrepreneuriales, gouvernance territoriale autour de la Méditerranée, Nice, July 2012

2011

CGFS workshop on the system-wide implications of bank liquidity regulation, May 2011, BIS, Basel # # Financial Stability Review Conference, April 2011, Luxembourg

2010

Invited Seminar, University of Luxembourg, March 2010

2009

Rencontres de l'Environnement, Paris, Paris X-Nanterre, December 2009 ## Invited Seminar, Ecole Polytechnique Paris, May 2009 # # Invited Seminar, University of Trier, Trier, April 2009 # #

Invited Seminar, Paris 1 – Sorbonne, Paris, March 2009 # # Invited Seminar, Ecole Polytechnique, Paris, February 2009 # # Invited Seminar, University of Nanterre, France, February 2009

2008

Invited Seminar, Ecole Polytechnique, Paris, November 2008 # # XIV Baikal International School “Optimization Methods and their Applications”, Severobaikalsk, July 2008 # # EAERE European Association of Environmental and Resource Economists 2008, Gothenburg, June 2008 # # AFSE Annual Thematic Meeting, Toulouse, June 2008 # # Monte Verità Conference on Sustainable Resource Use and Economic Dynamics SURED 2008, Ascona, June 2008 # # Environmental Workshop, Invited Seminar, CORE / UCL, March 2008 # # Banking and Finance: The Impact of Global Warming, Conference, Lille, March 2008 # # Which Governance for which Environment?, Workshop, Cargèse, Corsica, February 2008

2007

Uncertainty and Discounting in Integrated Assessment and "How to deal with Policy Recommendations?", University of Bern, November 2007 # # Invited Seminar, IAEEG, University of Trier, November 2007 # # International Conference on Macrodynamics Theory and Environmental Economics: a tribute to Philippe MICHEL, Paris, June 2007 # # Doctoral Workshop 2007, CORE/UCL, Louvain-la-Neuve, January 2007 # # Journée Environnement Workshop, Université Paris X, Nanterre, January 2007

2006

Environmental Seminar, Louvain-La-Neuve, December 2006 # # Macromodels 2006, Zakopane, Poland, December 2006 # # Macrodynamics, Technological Change and the Environment, CORE, Louvain-la-Neuve, November 2006 (discussant) # # CLIMNEG seminar, Louvain-la-Neuve, November 2006 # # Rencontres de l'Environnement, Lille, November 2006 # # Invited Seminar, Université de Luxembourg, November 2006 # # Invited Seminar, IMW, University of Bielefeld, September 2006 # # Invited Seminar, Zhejiang University, July 2006 # # Far Eastern Meeting of The Econometric Society, FEMES 2006, Tsinghua University, Beijing, China, July 2006 # # Rencontres de l'Environnement, Paris, Paris X-Nanterre, June 2006 # # Monte Verità Conference on Sustainable Resource Use and Economic Dynamics, SURED 2006, Ascona, June 2006 # # Doctoral Workshop 2006, Louvain-la-Neuve, May 2006 # # Environmental Seminar, Louvain-La-Neuve, March 2006 # # Rencontres de l'Environnement, Paris, Sorbonne, February 2006 # # Doctoral Workshop 2006, Louvain-La-Neuve, January 2006

2005

Environmental Seminar, Louvain-La-Neuve, December 2005 # # Environmental Seminar, Louvain-La-Neuve, November 2005 # # Les Rencontres de l'Environnement, Paris, Sorbonne, July 2005 # # La prise en compte du long terme et les arbitrages entre générations éloignées, Paris, Ecole polytechnique et EDF, May 2005.

Refereeing Work

Climate Change Economics # # Agricultural Economics # # Global and Planetary Change # # Journal of Environmental Management # # European Journal of Operations Research # # Strategic Behavior and the Environment # # Environmental Economics and Policy Studies # # Economics of Disasters and Climate Change # # Environmental Modelling & Assessment # # Contemporary Economic Policy # # Journal of the Association of Environmental and Resource Economists # # Oxford Economic Papers # # Economica # # Energy Economics # # Nature Climate Change # # Environment, Development and Sustainability # # International Economic Review # # Economics Bulletin # # Journal of Environmental Economics and Management # # Metroeconomica # # Review of Development Economics # # Environmental and Resource Economics # # Economic Modelling # # Journal of Public Economic Theory # # Resource and Energy Economics # # Ecological Economics # # Journal of Public Economics # # Manchester School # # Journal of

International Trade & Economic Development ## Journal of Development Studies ## Challenges in Sustainability ## Energy Policy ## Resources Policy ## Mathematical Social Sciences ## Annals of Economics and Statistics

Swiss National Science Foundation (SNSF)
National Science Centre (Narodowe Centrum Nauki - NCN)
Luxembourg National Research Fund (FNR)
Fonds de la Recherche Scientifique (F.R.S.- FNRS)

Teaching Experience

- 2018 Global Economic Issues, IPAG Business School, Paris.
Mathematics for Finance, IPAG Business School, Paris.
Microeconomics, IPAG Business School, Paris.
- 2017 Global Economic Issues, IPAG Business School, Paris.
Mathematics for Finance, IPAG Business School, Paris.
- 2016 Global Economic Issues, IPAG Business School, Paris.
- 2013 The Economics of Sustainable Development, IPAG Business School, Paris.
- 2012 The Economics of Sustainable Development, IPAG Business School, Nice.
Mathematics and Statistics for Economics and Finance, IPAG Business School, Paris.
Advanced Macroeconomics, Winter Semester, University of Trier.
- 2011 Advanced Macroeconomics, Summer Semester, University of Trier.
- 2009 Advanced Macroeconomics, Winter Semester, University of Trier.
- 2008 Environmental Economics, PhD course, Winter Semester, University of Trier.

Administrative Activities

Member of PhD jury

- Can Askan Mavi, September 2018 (other members: Antoine Bommier, Antoine d'Autumne, Mouez Fodha, Katrin Millock)
- Thomas Tveit, December 2017 (other members: Eric Strobl, Andreas Heinen, Rob Elliot)
- Zaneta Kubik, January 2017 (other members : Mathilde Maurel, Mouez Fodha, Pascale Combes-Motel, François Gemenne, Katrin Millock)
- Inge van den Bijgaart, 2016 (other members: Sjak Smulders (co-supervisor), Reyer Gerlagh (co-supervisor), Aart de Zeeuw, Cees Withagen, Herman R.J. Vollebergh)

Organizer of the SEED days, IPAG, Paris, October 2017

Organizer (with Eric Strobl) of the sub-conference Environment and Economic Growth at the 7th International Research Meeting, IPAG, Nice, July 2016

Program Committee, WCERE 2018, Gothenburg.

Program Committee, 16th Annual Conference of the Association for Public Economic Theory, July 2015, Luxembourg

Workshop organization, "The changing role of economics and economists in nuclear policy and politics", July 2015, Paris

Referee, Congrès AFSE 2012

Referee, 18th EAERE conference 2011

Student representative on CORE Board, Université catholique de Louvain, Louvain-la-Neuve, 2008.

Organization of Doctoral Workshop in 2007 and 2008 in CORE, Université catholique de Louvain.

Memberships

since 2014 Nuclear Consulting Group, <http://www.nuclearconsult.com/index.php>

Prizes

Schumpeter Prize, University of Trier, 2009.

McGraw-Hill Prize for best final year student performance, University of Essex, 2002.

Research Contracts and Working Groups

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| 2010 | Liquidity Risk and Monetary Policy Operations Task Force (European Central Bank)
EU Working Group on Macroprudential Analysis - Task Force on Bank Deleveraging |
| 2008 | Swiss Re project 'Economic consequences of extreme weather events' (with G. Müller-Fürstenberger) |
| 2007 | Collaboration in Climneg II, financed by Belgian Scientific Policy under CLIMNEG project (contract CP/10/243) |
| 2006 | Collaboration in Climneg I, financed by Belgian Scientific Policy. |

Language Skills

German (mother tongue), English (fluent), French (intermediate).