

## Curriculum Vitae

### Ingmar Schumacher

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



### Professional Address

IPAG Business School  
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twitter: @Ing\_Schumacher

### Research Interests

Environmental Economics  
Macroeconomics  
Applied Economics

### Positions

<b>since 04 / 2012</b>	<b>Professor in Economics, IPAG Business School, Paris, France.</b>
<i>affiliations</i>	Department of Economics, École Polytechnique 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.

### 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.

## **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. |
| 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.   |

## **Teaching Experience**

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|------|---|
| 2013 | The Economics of Sustainable Development, IPAG Business School, Paris.  |
| 2012 | The Economics of Sustainable Development, IPAG Business School, Nice.<br>Mathematics and Statistics for Economics and Finance, IPAG Business School, Paris.<br>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.  |

## **Publications (articles)**

### **forthcoming**

- |      |  |
|------|--|
| [21] | The endogenous formation of an environmental culture, <b>European Economic Review</b> .  |
| [20] | Uncertainty and Insurance in Endogenous Climate Change, (with Georg Müller-Fürstenberger), <b>Journal of Economic Dynamics and Control</b> .   |
| [19] | How Beliefs Influence the Willingness to Contribute to Prevention Expenditure. <b>American Journal of Agricultural Economics</b> .   |
| [18] | Is environmentally-induced income variability a driver of migration? A macroeconomic perspective (joint with Luca Marchiori and Jean-Francois Maystadt) <b>Migration &amp; Development</b> . |

**2014**

[17] An Empirical Study of the Determinants of Green Party Voting, **Ecological Economics**, Volume 105, 306-318.

[16] On the Self-Fulfilling Prophecy of Sovereign Ratings, **Economic Modelling**, Volume 38, 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, 633-655 (with G. Giordana).

[14] Political Stability, Corruption and Trust in Politicians, **Economic Modelling**, Volume 31, March 2013, 359-369.

[13] What are the Bank-specific and Macroeconomic Drivers of Banks' Leverage: Evidence from Luxembourg, **Empirical Economics**, Volume 45, Issue 2, 2013, 905-928 (with Gaston Giordana).

[12] Technological Opportunity, Long-Run Growth and Convergence, **Oxford Economic Papers**, Volume 65, Issue 2, 2013, 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, 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, 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, 97-105 (with Eric Strobl).

[8] When should we stop extracting non-renewable resources?, **Macroeconomic Dynamics**, Volume 15, Issue 4, 2011, 495-512.

[7] Endogenous Discounting and the Domain of the Felicity Function, **Economic Modelling**, Volume 28, Issue 1-2, 2011, 574-581.

[6] When Nature Rebels: International Migration, Climate Change and Inequality, **Journal of Population Economics**, Volume 24, Issue 2, 2011, 569-600 (with Luca Marchiori).

### 2010

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

### 2009

[4] The dynamics of environmentalism and the environment, **Ecological Economics**, Elsevier, Volume 68, Issue 11, September 2009, 2842-2849.

[3] Endogenous discounting via wealth, Twin-Peaks and the role of technology, **Economics Letters**, Volume 103, Issue 2, May 2009, 78-80.

### 2008

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

### Publications (cartes blanches)

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

#### 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.

## Working Papers

- [7] Macroeconomic Conditions and Financial Sector Leverage (joint work with Gaston Giordana), March 2012, BCL Working Paper Series No. 77. (*submitted*)
- [6] Bank Specialization And Leverage Dynamics in Europe (joint work with Gaston Giordana), March 2012, mimeo. (*submitted*)
- [5] The impact of the Basel III regulations on bank default (joint work with G. Giordana), April 2011, BCL Working Paper Series No. 79. (*submitted*)
- [4] The Aggregation Dilemma in Climate Change Policy Evaluation, IPAG Working Paper No. 428, July 2014. (*submitted*)
- [3] Threshold Preferences and the Environment (with Benteng Zou), IPAG Working Paper No. 15, June 2013 (*revised & resubmitted*, **Journal of Mathematical Economics**)
- [2] Is capital market integration a remedy for the environmental poverty trap (joint with Georg Müller-Fürstenberger), IPAG Working Paper No. 7, July 2012. (*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*)

## Presentations and Visits

### 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 # # 4<sup>th</sup> 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

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.

### **Administrative Activities**

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

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

Referee, Congrès AFSE 2012

Referee, 18<sup>th</sup> 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>

since 2013 International Society for Ecological Economics  
European Society for Ecological Economics

### **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**

- 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).