

1. Curriculum Vitae

PD Dr. Felix Roth

Senior Lecturer & Senior Research Fellow
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University Education

- 2017 - 2020 **Habilitation in Economics** under review of Prof. Thomas Straubhaar and Prof. Erich Gundlach at the **University of Hamburg**, Germany and Prof. Mary O'Mahony at the **King's College London**, UK. Completed on the 29th of June 2020. Thesis title: *Intangible Capital and Labour Productivity Growth and Determinants of Public Support for the Euro*. My thesis was published as a two volume book with Springer entitled "**Intangible Capital and Growth**" (Vol. 1) and "**Public Support for the Euro**" (Vol. 2).
- 2004 - 2007 **Doctorate in Economics** under the supervision of Prof. Stephan Klasen and Prof. Walther Zucchini at the **University of Göttingen**, Germany and Prof. Fran Tonkiss at the **London School of Economics**, UK. Completed on 12th of October 2007. Thesis title: *Social Capital, Trust and Economic Growth- A Cross-Sectional and Panel Analysis*.
- 2005 - 2007 **Visiting Researcher** at the **London School of Economics**, UK. Exchange as part of PhD in Economics 2005-2007. Under supervision of Prof. Fran Tonkiss.
- 1997 - 2003 **Ludwig-Maximilian-University Munich**, Germany: Study of **Sociology, Economics, and European Law**. In 2003 awarded a **Diploma in Sociology** under the supervision of Prof. Ulrich Beck. Thesis title: *Social capital and the public sphere – two forms of civil society*. Core modules included **Methods of Quantitative Empirical Research**, Social Inequality, **Economic Growth** and **European Economic Law**. In addition, I conducted two semesters of research in Nancy (France) as an Erasmus Exchange Student.

School Education

- 1987 - 1996 **Helmholtz-Gymnasium** in **Essen**, Germany. Abitur (1996). In 1993 I attained High-Schools in **Rhode Island**, US and **Keflavik**, Iceland; In 1988 I attained the **US Embassy School** in **Reykjavik**, Iceland.

Work Experience

- 2023 - present **Senior Lecturer & Senior Research Fellow** in **Economics** at the **department of economics** at the **University of Hamburg**. Since **November 2021** the **department of economics** has conferred the status of **Senior Lecturer** on me.

- 2017 - 2023 **Senior Research Fellow & Senior Lecturer** at the **department of economics** at the chair of **international economics** of Prof. Thomas Straubhaar, **University of Hamburg**, Germany. Since 2019 I have become the **Principal Investigator** of the **macroeconomic research** package conducted within the Horizon 2020 project GLOBALINTO.
- 2014 - 2017 **Grantee, Scientific Expert** and **Research Policy Advisor** within the EU framework programme for **DG Research & Innovation, DG Joint Research Centre** and DG Research Executive Agency, European Commission, Brussels. I worked in the context of my research expertise in the field of **intangible capital** and **labor productivity growth**.
- 2014 - 2015 Non-Resident **Research Fellow, DG EFCIN Fellowship Initiative 2014/2015**, DG Economics and Financial Affairs, European Commission, Brussels. I was awarded a grant by DG ECFIN to conduct **economics** lecture notes on the topic of “*Political Economy of EMU: Rebuilding Systemic Trust in the Euro Area in Times of Crisis*”.
- 2009 - 2017 **Associate Research Fellow**, Department of Economics, Ibero-America Institute for Economic Research, **University of Göttingen**, Germany.
- 2009 - 2014 **Editor** of *Intereconomics*, **Review of European Economic Policy**, Brussels. On behalf of CEPS, I co-edited *Intereconomics* jointly with the ZBW in Hamburg, Germany.
- 2007 - 2014 **Research Fellow** at the **Centre for European Policy Studies (CEPS)**, Macro-Economic Policy Unit, Brussels. My work involved the acquirement and the implementation of **applied and basic research projects** funded by **national ministries, national foundations** and the **European Commission** concerning my research on **intangible capital** and **labour productivity growth** and **Economics** and **Political Economy** of EMU and the **Euro**.
- 2004 - 2007 **Scholarship contract** as a Fellow of the **Postgraduate programme** “*The future of the European model*” at the **University of Göttingen**. The Postgraduate programme was financed by the **Deutsche Forschungsgemeinschaft (DFG)** and involved eight interdisciplinary professorships from the faculty of Business and Economics and the faculty of Social Science.
- 2000 **Internship** at **Gallup-Iceland** in **Reykjavik**: Provided me with an introduction to public opinion and market research. I undertook a project concerning the implementation of the ISSP in Iceland.
- 1998 - 1999 **Student Research Assistant** on a research-project “*Effects of flexi-time in the German retail sector*”. I conducted face to face interviews with the Heads of Workers Councils and the Personnel Managers and employees of selected German retail businesses.
- 1996-1997 **Civil Service** in Munich at the **Max-Planck-Institute for Psychiatry** and **Verein Intergrations-Förderung**: Assisted in the laboratory work for a research project and supported a disabled student with his final written exams in construction engineering.

1996 **Industrial internship** at an **Icelandic** aluminium plant owned by Alcan: Undertook testing of water quality as part of the company's Total Quality Management Programme.

Languages **German** (Mother Tongue), **English** (Fluent), **French** (Good), Italian (Intermediate), Icelandic (Basic).

IT-Skills Most commonly utilized statistical software includes **Stata**, **MS-Excel**, **E-Views**, **SPPS**, **R** and **Phyton**. **Stata** and **R** are used for coding, dataset constructions, and econometric analysis. **MS-Excel** is used for exploratory and descriptive statistics. **E-Views** is used to estimate time-series econometric estimations. Text processing Software includes **MS-Word**, Open Office, TeXstudio, etc. MS-Word is used as the text formatting software for my academic articles. Presentation Software includes **Power Point**, which is used for lecture and conference presentations.

2. Publications

Articles in Refereed Journals

1. Roth, F. (2024). Intangible capital and labor productivity growth at the macro, meso, and micro levels: A review of the literature and insights for public policies, *Science and Public Policy*, forthcoming.
2. Roth, F., Jonung, L. and A. Most (2024). COVID-19 and Public Support for the Euro, *Empirica* 51: 61-86.
3. Roth, F., Sen, A. and C. Rammer (2023). The Role of Intangibles in Firm-Level Productivity – Evidence from Germany, *Industry and Innovation* 30: 263-285.
4. Roth, F. (2020). Revisiting Intangible Capital and Labour Productivity Growth, 2000-2015: Accounting for the Crisis and Economic Recovery in the EU, *Journal of Intellectual Capital*, 21: 671-690.
5. Roth, F., Baake, E., Jonung, L. and F. Nowak-Lehmann (2019). Revisiting Public Support for the Euro, 1999-2017: Accounting for the Crisis and the Recovery, *Journal of Common Market Studies* 57: 1262-1273.
6. Roth, F., Jonung, L. and F. Nowak-Lehmann (2016). Crisis and Public Support for the Euro, 1990-2014, *Journal of Common Market Studies* 54: 944-960.
7. Roth, F., Gros, D. and F. Nowak-Lehmann (2014). Crisis and Citizens' Trust in the European Central Bank—Panel Evidence for the Euro Area, 1999-2012, *Journal of European Integration* 36: 303-320.
8. Roth, F. and A.E. Thum (2013). Intangible Capital and Labor Productivity Growth—Panel Evidence for the EU from 1998-2005, *Review of Income and Wealth* 59: 486-508.
9. Roth, F. (2009). Does too much trust hamper economic growth? *Kyklos* 62: 103-128.

Articles in Refereed Journals – under review, submitted or underway for submission

10. Roth, F. (2024). Trust and Growth: The Global Evidence over 40 Years [Reassessing the Relationship between Trust and Growth], Hamburg Discussion Papers in International Economics No. 14. Underway for submission.
11. Roth, F. (2024). Is Generalized Trust Stable over Time? Hamburg Discussion Papers in International Economics No. 15. Under review.
12. Bounfour, A., Nonnis, A. and F. Roth (2024). How are European Economies preparing for the Future of Innovation? The Cases of France and Germany in Software and AI revolution. Hamburg Discussion Papers in International Economics No. 16. Under review.

Articles in Refereed Journals - work in progress for submission

13. Roth, F. and Rammer, C. (2024). The role of complementary intangibles for firm-level productivity - Evidence for Germany from 2011-2022. Hamburg Discussion Papers in International Economics No. 17. Work in progress for submission.

14. Roth, F. (2024). Public Support for the Euro, Micro Evidence for the EU, 1999-2022. Hamburg Discussion Papers in International Economics No. 18. Work in progress for submission.
15. Roth, F. (2024). COVID-19 and Public Support for the Euro – Micro Evidence. Hamburg Discussion Papers in International Economics No. 19. Work in progress for submission.
16. Roth, F. (2024). Inflation and Public Support for the Euro, Hamburg Discussion Papers in International Economics No. 20. Work in progress for submission.
17. Roth, F. (2024). Public Support for EMU and the Euro, Hamburg Discussion Papers in International Economics No. 21. Work in progress for submission.
18. Roth, F. (2022). The rule of law and investment in intangible capital: Evidence for the EU-16, 1996-2017, Hamburg Discussion Papers in International Economics No. 12. Work in progress for submission.

Monographs

19. Roth, F. (2022). *Intangible Capital and Growth* – Essays on Labor Productivity, Monetary Economics and the Political Economy, Vol. 1. Cham: Springer.
20. Roth, F. (2022). *Public Support for the Euro* – Essays on Labor Productivity, Monetary Economics and the Political Economy, Vol. 2. Cham: Springer.
21. Roth, F. (2007). *Social Capital, Trust and Economic Growth – A Cross-sectional and Panel Analysis*. Göttingen: University of Göttingen.

Co-Authored Books

22. Gros, D. and F. Roth (2012). *The Europe 2020 strategy: Can it maintain the EU's competitiveness in the world?*. Brussels: Centre for European Policy Studies

Edited Volumes

23. Roth, F. (2024). Intangible Capital and Labor Productivity Growth Revisited. In: Bloch, C., Protogerou, A. and N.S. Vonortas, *Measuring Intangibles and Productivity – A Micro, Meso and Macro Perspective* New York: Routledge, *forthcoming*.
24. Bloch, C. and F. Roth (2024). Analysing Intangibles and Productivity Growth: A Review of the State of the Art. In: Bloch, C., Protogerou, A. and N.S. Vonortas, *Measuring Intangibles and Productivity – A Micro, Meso and Macro Perspective*, New York: Routledge, *forthcoming*.
25. Aggelos, T. and Roth, F. (2024). The productivity contribution of intangible assets and participation in global value chains. In: Bloch, C., Protogerou, A. and N.S. Vonortas, *Measuring Intangibles and Productivity – A Micro, Meso and Macro Perspective*, New York: Routledge, *forthcoming*.
26. Roth, F. (2021). Das Produktivitätspuzzle: eine kritische Bewertung. In: Straubhaar, T., *Neuvermessung der Datenökonomie*. Hamburg: Hamburg University Press, 61-82.

27. Roth, F., and L. Jonung (2020). After 25 years as faithful members of the EU: Public support for the Euro and Trust in the ECB in Austria, Finland and Sweden, *47th Economics Conference*, Österreichische Nationalbank, 51-63.
28. Roth, F., Jonung, L. and F. Nowak-Lehmann (2020). Crisis and Public Support for the Euro, 1990-2014, in P. Honohan, F. Hassan and D. Romeli (eds), *Currency Unions*, Volume II, Part I: The Euro Area Crisis. Cheltenham: Edward Elgar. 304-320.
29. Roth, F. and L. Jonung (2020). Public Support for the Euro and Trust in the ECB: The first two decades of the common currency, in J. Castenada, A. Roselli and G. Wood (eds), *The Economics of Monetary Unions*. New York: Routledge: 141-155.
30. Roth, F., Gros, D. and F. Nowak-Lehmann (2015). Crisis and Citizens' Trust in the European Central Bank—Panel Evidence for the Euro Area, 1999-2012. In: J. Tosun, A. Wetzel and G. Zapryanova. *Coping with Crisis: Europe's Challenges and Strategies*. New York: Routledge: 109-127.
31. Roth, F., Nowak-Lehmann, F. and T. Otter (2013). Crisis and trust in national and European governmental institutions. In: B. De Witte, A. Heritier and A.H. Trechsel. *The Euro Crisis and the State of European Democracy*. Florence: European University Institute: 392-407.
32. Jona-Lasinio, C., Massimiliano, I. and F. Roth (2011). National Measures of Intangible Capital in the EU-27. In: H. Piekkola (ed.). *Intangible Capital—Driver of Growth in Europe, Proceedings of the University of Vaasa Reports* 167. Vaasa: University of Vaasa: 20-62.
33. Gros, D. and F. Roth (2008). The Post-2010 Lisbon Process—The Key Role of Education in Employment and Competitiveness. In: Federal Ministry of Economics and Labour, *Die Zukunft der Wirtschaftspolitik der EU—Beiträge zum Diskussionsprozess "Lissabon Post 2010"*. Wien: 179-195.
34. Roth, F. (2008). Sozialkapital, Vertrauen und wirtschaftliches Wachstum. In: W. Matiaske and G. Grözinger G., *Sozialkapital eine (un)bequeme Kategorie, Jahrbuch Ökonomie und Gesellschaft* 20. Marburg: Metropolis Verlag: 111-138.

Selected Scopus Articles

35. Roth, F. (2022). The Productivity Puzzle – A Critical Assessment and an outlook on the COVID-19-Crisis. In: Roth, F. *Intangible Capital and Growth*. Cham: Springer.
36. Roth, F. (2022). The Rule of Law and Labour Productivity Growth by Businesses – Evidence for the EU, 1998-2005. In: Roth, F. *Intangible Capital and Growth*. Cham: Springer.
37. Roth, F. (2022). Organizational Trust, Organizational Fear and TFP Growth—A Sectoral Analysis for the EU. In: Roth, F. *Intangible Capital and Growth*. Cham: Springer.
38. Roth, F. (2022). Social Capital, Trust and Economic Growth. In: Roth, F. *Intangible Capital and Growth*, Cham: Springer.
39. Roth, F. (2022). Political Economy of EMU: Rebuilding Systemic Trust in the Euro Area in Times of Crisis. In: Roth, F. *Public Support for the Euro*. Cham: Springer.
40. Roth, F. Jonung, L. Nowak-Lehmann, F. (2022). The Enduring Popularity of the Euro throughout the Crisis. In Roth, F. *Public Support for the Euro*. Cham: Springer.

41. Roth, F., Nowak-Lehmann, F. and T. Otter (2022). Has the financial crisis shattered citizens' trust in national and European governmental institutions? In: Roth, F. *Public Support for the Euro*. Cham: Springer.

Selected Economic Policy, Column, Blog and Newspaper articles

42. Roth, F. (2024). Intangible Capital and Labour Productivity Growth – Evidence for the EU and Germany, Under Preparation for Submission.
43. Roth, F., Jonung, L. and A. Most (2024). COVID-19 and Public Support for the Euro. Under Preparation for Submission.
44. Roth, F. (2022). Intangible Capital and Labour Productivity Growth – A Cross-Country Sectoral Growth Accounting Approach. In: European Commission, *Science, Research and Innovation Performance of the EU 2022*, Luxembourg: Publication Office of the EU.
45. Roth, F. and A. Tsakanikas (2021). Policies for Enhancing Growth from Intangibles at the Aggregate and Sectoral Levels, European Policy Brief, GLOBALINTO Project, 17 November.
46. Roth, F. (2020). Economic Recovery Strengthens Public Support for the Euro, *JCMS-Blog*: 9 January.
47. Roth, F. and L. Jonung (2019). Public Support for the Euro and Trust in the ECB – The first Two Decades, *VOX*: 13 December.
48. Roth, F., Jonung, L. and F. Nowak-Lehmann (2016). Public Support for the Euro, *VOX*: 11 November.
49. Roth, F., Jonung, L. and F. Nowak-Lehmann (2012). Crisis and Public Support for the Euro, *VOX*: 5 November
50. Jonung, L., Nowak-Lehmann, F. and F. Roth (2012). Öffentliche Unterstützung des Euro in Zeiten der Krise, *Ökonomenstimme*: 9 October.
51. Roth, F. (2012). The Eurozone Crisis and Citizen's Shattered Systemic Trust, *Intereconomics* 47: 138-139.
52. Roth, F. (2010). Measuring Innovation – Intangible Capital in the EU. *Intereconomics* 45: 273-277.
53. Gros, D. and F. Roth (2010). Die EZB verliert das Vertrauen der Bevölkerung, *FAZ*, 5.12.2010.
54. Roth, F. (2009). The Effects of the Financial Crisis on Systemic Trust, *Intereconomics* 44: 203-208.
55. Gros, D. and F. Roth (2009). The crisis and citizens' trust in central banks, *VOX*: 10 September.
56. Roth, F. (2009). Introduction, *Intereconomics* 44: 326-27.

Selected Project Reports

57. Rammer, C., Roth, F and M. Trunschke (2020). Measuring Organisation Capital at the Firm Level: A Production Function Approach, *ZEW Discussion Paper 20–021*. Project Report prepared for INFOWIK for German Federal Ministry of Education and Research.
58. O’Mahony, M. and F. Roth (2016). *Drivers of European economic growth - New insights, new policies*. Project Report prepared for DG Research and Innovation, European Commission.
59. Roth, F. (2015). Political Economy of EMU: Rebuilding Systemic Trust in the Euro Area in Times of Crisis, *European Economy Discussion Paper 016*. Brussels, European Commission.
60. Roth, F. (2014). The Rule of Law and Labour Productivity Growth by Businesses – Evidence for the EU, 1998-2005, Project Report prepared for DG JRC, European Commission.
61. Roth, F. and J-E. Sundgren (2014). The Quantity and Quality of Human Capital in Higher Education: Comparing the EU, US and China, *CEPS Task Force Report, Mimeo*.
62. Roth, F. (2013). Organizational Trust, Organizational Fear and TFP Growth—A Sectoral Analysis for the EU, *Discussion Paper 20 for the SERVICEGAP project*.
63. Roth, F. Jonung, L. Nowak-Lehmann, F. (2011). The Enduring Popularity of the Euro throughout the Crisis. In Roth, F. *Public Support for the Euro. CEPS Working Document 358*. Brussels: Centre for European Policy Studies. Prepared for Stiftung Mercator.
64. Gros, D. and F. Roth (2011). Do Germans support the Euro?, *CEPS Working Document 359*. Brussels: Centre for European Policy Studies. Prepared for Stiftung Mercator.
65. Roth, F., F. Nowak-Lehmann D. and T. Otter (2011). Has the financial crisis shattered citizens’ trust in national and European governmental institutions, *CEPS Working Document 343*. Brussels, Centre for European Policy Studies. Prepared for Bertelsmann Foundation.
66. Saam, M., D. Cerquera, R. Inklar, B. Müller, M. O’Mahony, C. Rammer, A. Rincon-Aznar, F. Roth and A.E. Thum (2010). Review of measures and data sources on intangibles, ICT use and innovation in European service sectors, *Review Paper 1 for the INDICSER project*.
67. Saam, M., D. Cerquera, G. Reitze, R. Inklar, M. O’Mahony, F. Peng, C. Rammer A. Rincon-Aznar, F. Roth and M. Sarbu (2011). First version of indicators on innovation, ICT use and intangibles—Annotations, *Discussion Paper 4 for the INDICSER project*.
68. Jona-Lasinio, C., M. Iommi, K. Geppert, J. Mortensen, H. Piekkola, R. Riley and F. Roth (2009a). State of the art in research of the economics of intangibles, *Deliverable No. 12 for the INNODRIVE project*.
69. Jona-Lasinio, C., M. Iommi and F. Roth (2009b). Report on data gathering and estimations for the INNODRIVE project – Macro approach, *Deliverable No. 15*.
70. Roth, F. (2009). Who can be trusted after this financial crisis?, *CEPS Working Document 322*. Brussels: Centre for European Policy Studies. Prepared for Austrian Ministry of Finance.

3. Presentations and Lectures

Scientific Seminars and Conferences

1. San Francisco; 3-5 January 2025; “Trust and Growth: The Global Evidence over 40 Years”, American Economic Association Annual Meeting; San Francisco, California.
2. Altoona; 3 August 2024; “Trust and Growth: The Global Evidence over 40 Years”; International Conference on Empirical Economics (ICEE); Pennsylvania State University at Altoona.
3. Paris; 29 September 2023; “Intangible Capital and Labour Productivity Growth Revisited”; Internal Research Seminar; Université Paris-Saclay
4. Aarhus, Hybrid; 17-18 January 2023; “Intangible Capital and Labour Productivity Growth Revisited”; GLOBALINTO Book Workshop; University of Aarhus.
5. Brussels, Hybrid; 13 June 2022; “Intangible Capital and Labour Productivity Growth”; Final Review Meeting; GLOBALINTO Project; DG Research and Innovation, Eur. Commission.
6. Oslo, Hybrid; 28-29 April 2022; “Productivity puzzle, Lower productivity growth by less intangibles or declining total factor productivity”; Final Scientific Conference, GLOBALINTO Project; Statistics Norway.
7. Vaasa, Hybrid, 24 September 2021; “Intangible Capital and Labour Productivity Growth – A Cross- Country (Sub-) Sectoral Analysis for the EU”; 8th Scientific Conference, GLOBALINTO Project; University of Vaasa.
8. Vaasa, Hybrid; 25 May 2021; “Intangible Capital and Firm-Level Productivity – Evidence from Germany”; 7th Scientific Conference, GLOBALINTO Project; University of Vaasa.
9. Aarhus, Hybrid; 13 April 2021; “Revisiting Intangible Capital and Labor Productivity Growth, 2000-2015: Accounting for the Crisis and the Economic Recovery”; 6th Scientific Conference, GLOBALINTO Project; Aarhus University.
10. Ljubljana, Hybrid; 24 September 2020; “Macro-economic underpinnings of growth”, 5th Scientific Conference, GLOBALINTO Project; University of Ljubljana.
11. Hamburg, Hybrid; 29 June 2020; “The Productivity Puzzle – A Critical Assessment”, Habilitation Lecture, Faculty of Business, Economics and Social Sciences; University of Hamburg.
12. Aarhus, Hybrid; 23 April 2020; “Macro-economic underpinnings of growth”, 4th Scientific Conference, GLOBALINTO Project; Aarhus University.
13. Aarhus, Hybrid; 26 March 2020; “Macro-economic underpinnings of growth”; 3rd Scientific Conference, GLOBALINTO Project; Aarhus University.
14. Athens; 19 September 2019; “Macro-economic underpinnings of growth”; 2nd Scientific Conference, GLOBALINTO Project; National Technical University of Athens.
15. Paris; 11 July 2019; “Intangible Capital and Labour Productivity Growth – Evidence for the EU from 1995-2015”, 15th World Conference on Intellectual Capital for Communities;

Artificial intelligence and the next generation of competences: How Digital – and Artificial Intelligence will impact jobs and competence profiles?, University Paris-Sud, UNESCO.

16. Buckingham; 22 February 2019; “Public Support for the Euro and its governance – The first two decades”, International Economics Conference “The Economics of Monetary Unions. Past experiences and the Eurozone”, University of Buckingham.
17. Helsinki; 4 February 2019; “WP6 – Macro-economic underpinnings of growth”, Kick-Off Scientific Conference, GLOBALINTO Project; University of Vaasa.
18. Cologne; 10 July 2015; “Crisis and Trust in National and European Union institutions – Panel Evidence for the EU, 1999 to 2014”; International Eurobarometer Symposium: “Four Decades of Surveying Europe – Perspective on Academic Research with European Commission’s Eurobarometer Surveys”; Gesis – Leibniz Institute for Social Science.
19. Leipzig; 7 July 2015; “Trust in the European Central Bank after the financial crisis” Summer School 2015: “Trust and Financial Markets”; HHL Leipzig Graduate School of Management.
20. Kingston; 22 September 2014; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012”; Department of Political Stud., Queens University.
21. Ottawa; 19 September 2014; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012”; Crisis Contained, Democracy Diminished? The Politics of the Eurozone Financial Crisis; Centre for European Studies; Carleton University.
22. Ispra; 28 May 2014; “The Rule of Law and Labour Productivity Growth by Businesses – Evidence for the EU, 1998-2005”; Seminar on behalf of the Econometrics and Applied Statistics Unit of the Joint Research Center (JRC), European Commission.
23. Washington, D.C.; 14 March 2014; “Public Support for the Euro, 1990 to 2012: Does the Crisis matter?”; 21st International Conference for Europeanists, Council for European Studies.
24. Dublin; 7 December 2013; “Crisis and Trust in National Parliaments—Panel Evidence for the EU, 1999 to 2012”; National Parliaments in the European Integration Process; Centre of the Study of Wider Europe, University of Ireland.
25. Paris; 14 October 2013; “Crisis and Trust in National and European Union Institutions—Panel Evidence for the EU, 1999 to 2012”; Joint Learning for an OECD Trust Strategy; Workshop, OECD.
26. Mannheim; 3-4 June 2013; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012”; Coping with Crisis: Europe’s Challenges and Strategies; Mannheim Centre for European Social Research, University of Mannheim.
27. Oxford; 31 May 2013; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012; Transformations of the State: European Perspectives; Department of Politics and International Relations; University of Oxford.
28. Ispra; 17 May 2013; “The Europe 2020 Strategy—Can it maintain the EU’s Competitiveness in the World?”; Seminar on behalf of the Econometrics and Applied Statistics Unit of the Joint Research Center (JRC), European Commission.

29. Zurich; 3-6 April 2013; “Public Support for the single European currency, the euro, 1990 to 2012—Does the Crisis matter?”; The 2013 Meeting of the European Public Choice Society (EPCS); Swiss Federal Institute of Technology (ETH) Zurich.
30. Florence; 22-23 November 2012; “Has the financial crisis shattered citizen’s trust in the national and European governmental institutions? Evidence for the EU member states, 1999-2011”; 2012 European Union Democracy Observatory (EUDO) Dissemination Conference, European University Institute (EUI).
31. Göttingen; 27 August 2012; “Introductory Lecture – Financial and Debt Crisis”; Relations Between the EU and Emerging Global Players; Summer School 2012; University of Göttingen.
32. Valencia; 18-20 June 2012; “The enduring popularity of the euro throughout the crisis”; 4th International IFABS Conference on Rethinking Banking and Finance: Money, Markets and Models, University of Valencia.
33. Göttingen; 28 February - 2 March 2012; “Has the financial crisis eroded citizens trust in the European Central Bank, Evidence from 1999-2011”; 14th Göttinger Workshop Internationale Wirtschaftsbeziehungen, University of Göttingen.
34. Verona; 21-24 June 2011; “Does intangible capital affect economic growth?”, XII European Workshop for Efficiency and Productivity Analysis (EWEPA), University of Verona.
35. Valencia; 6-8 April 2011; “Trust and Growth – A Sectoral Analysis”; (INDICSER) Mid-term Meeting, University of Valencia.
36. Mannheim; 4-5 March 2011; “Does Intangible Capital affect Economic Growth?; SEEK kick-off conference "Going for Smart Growth with Knowledge and Innovations", Centre for European Economic Research (ZEW).
37. Berlin; 16-17 September 2010; “Does Intangible Capital affect Economic Growth?”; (INNODRIVE), German Institute of Economic Research (DIW).
38. Kiel; 7-10 September 2010; “The financial crisis and citizens’ trust in the European Central Bank”, Trusting Banks in a Financial Crisis (*Session Organizer/Chair*), Annual Conference of the Verein für Sozialpolitik, University of Kiel.
39. Ljubljana; 12 March 2010; Intangible Capital and Economic Growth – Cross-sectional and Panel Analysis; (INNODRIVE), Institute for Economic Research (IER).
40. London; 3 February 2010; Indicators for intangible investment for non-financial market services; (INDICSER); National Institute for Economic and Social Research (NIESR).
41. Rome; 24-25 September 2009; “Intangible Capital and Economic Growth – First Results”; (INNODRIVE); LUISS Guido Carli University.
42. Prague; 16-17 April 2009; “Intangible Capital: Macro Economic Approach”; (INNODRIVE); Centre for Economic Research and Graduate Education-Economic Institute (CERGE-EI).
43. Vaasa; 12 September 2008; “Intangible Capital and Economic Growth—A Cross-Sectional and Panel Analysis”; (INNODRIVE); University of Vaasa.

44. Innsbruck; 22-24 April 2008; “Trust and Economic Growth—Conflicting Results between Cross-sectional and Panel Analysis”; (Social Capital Symposium); Symposium was prepared together with Christoph Hauser, University of Innsbruck.
45. Vienna; 1-3 April 2008; “The Welfare State and Social Capital—A Panel Analysis; (CINEFOGO); Europe—with or without you?, Vienna Business School.
46. Brussels; 27 March 2008; “Intangible Capital and Economic Growth—The Macro Economic Approach II”; (INNODRIVE); Centre for European Policy Studies (CEPS).
47. Aberdeen; 27-31 August 2007; “Social Capital, Trust, and Economic Growth—A Cross-Sectional and Panel Analysis”; (CINEFOGO); Civil Society, Social Capital and Democracy; Post-Graduate Summer School; University of Aberdeen.
48. Stockholm; 24-26 August 2006; “Trust and Economic Growth – A Panel Analysis”; Trust, Reciprocity and Social Capital; The 2006 Ratio Colloquium for Young Social Scientists; Ratio Institute.
49. Novara; 19-20 Mai 2006; “Human Capital and Economic Growth – A cross-sectional analysis for OECD countries”; (Jointly organized by Catholic University, University of Evry, University A. Avogardo and Johns Hopkins University; (2006 Workshop Economic Policy and Open Macro – Human Capital and Economic Growth).
50. Göttingen; 18-21 Juli 2005; “Social Capital and Economic Growth – Assessment of the Cross-Country evidence” (Postgraduate Programme: The future of the European Social Model); (Summer School 2005); University of Göttingen.

Dissemination of research results to policy makers and stakeholders

51. Paris, Hybrid; 12 April 2023; “COVID-19 and Public Support for the Euro”; Research Seminar of the Bank of France.
52. Aarhus, Hybrid; 23 November 2021; “Intangible Capital and Labour Productivity Growth: Revisiting the Evidence”; Intangibles, Global Value Chains and Productivity Growth – new evidence and perspectives; Workshop for international policy makers and stakeholders, Aarhus University.
53. Ljubljana, Hybrid; 9 June 2021; “Intangible Capital and Firm-Level Productivity – Evidence from Germany”; Investment in knowledge, intangible capital and the challenges of productivity growth; Workshop for Slovenian Industrial Corporations, University of Ljubljana.
54. Athens, Hybrid; 9 February 2021; Panel Discussion on Intangibles and the Productivity Puzzle; Panel Discussant; Joint NTUA and KAS Workshop.
55. Aarhus, Hybrid; 29 October 2020; Panel Discussion on Intangibles and Productivity in times of COVID-19-Crisis; Panel Discussant; Joint GLOBALINTO & MICROPROD Workshop on Intangibles and Productivity; GLOBALINTO.
56. Vienna, Hybrid; 21 September 2020; “After 25 Years as faithful members of the EU: Public Support for the Euro and Trust in the ECB in Austria, Finland and Sweden”, Digital SUERF-OeNB workshop on the occ. of Austria’s, Finland’s and Sweden’s 25th EU membership anniversary.

57. Brussels; 17 January 2020; “Macro-economic underpinnings of growth using EU-wide industry level data”, Workshop on Advancing the Measurement of Intangibles for European economies, Mission of Norway to the EU.
58. Brussels; 8 June 2015; “Structural Convergence and Economic Governance in EMU”, Panel Intervention; DG ECFIN Fellowship Initiative 2014/15; DG ECFIN.
59. Brussels; 15 September 2014; “Will the next crisis be a social and political crisis – how to build a fairer union of democratic change?”; What Now? Brainstorming ahead of/for the New Commission; DG ECFIN Fellowship Initiative 2014/15; DG ECFIN.
60. Washington; 24 June 2014; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012”; Public Trust in the Government; National Intelligence Council’s 2035 Global Trends project; Eurasia Group.
61. Brussels; 17 June 2013; “Crisis and Trust in National and European Institutions—Panel Evidence for the EU, 1999 to 2012”; (6th IEP/UCP Seminar); Policy Making at the EU level; European Parliament.
62. Madrid; 1 June 2012; “R&D vs. Intangible Capital Investment in the EU”; The Future of Europe and its Commitment to Science; Panel Discussant; 5th Debate on Europe; Carlos De Amberes Foundation.
63. Berlin; 16 December 2011; “Hat die Finanz- und Eurozonenkrise die Unterstützung der Bürger in den Euro unterminiert?”; Ergebnispräsentation und Pressekonferenz der Studie: *Has the crisis in the Eurozone undermined citizens’ support for EMU and the euro?*; Stiftung Mercator.
64. Paris; 15 November 2011; “Has the financial crisis resulted in a demand for stronger state regulation?”; Expert at a hearing organized by the Council of Europe on: *How much and what kind of state is needed in a democratic and just society?*, Council of Europe.
65. Brussels; 10 May 2011; “Has the financial crisis shattered citizens’ trust in national and European governmental institutions?”; Presentation at the conference “A European Union Drifting Apart? Patterns of Growing Socio-economic Heterogeneity in Times of Global Crisis”. Organized Co-joint by CEPS, Bruegel, EPC, Eurofund and Bertelsmann Foundation.
66. Brussels; 16 December 2010; “Presentation of the INNODRIVE project”; EUKLEMS and Beyond; Presentation of the INNODRIVE Project at a seminar organized by DG Research with participation of FP7 Project coord. and representatives of Policy DG’s, DG Research.
67. Brussels; 3 December 2010; “Europe 2020 strategy: how to make it work?”; Lecture given to the European Parliaments Former Member Association during their annual seminar on “The economic crisis and the future of the Eurozone”, European Parliament.
68. Vienna; 23 November 2009; “The European Union – What’s missing? Citizens’ confidence in EU Institutions?”; Panel Discussant; “Economic, financial and social crisis - Is Europe capable of acting?”; European Forum Alpbach.
69. Zagreb; 6 March 2009; “The Post 2010-Lisbon Strategy – The Key Role of Education in Employment and Competitiveness”; (EU CONSENT); Wider Europe, Deeper Integration, The Institute for International Relations (IMO).

70. Brussels; 10-12 November 2008; “The financial crisis and its impact on the real economy”; (2nd IEP Seminar); Policy Making at the EU level, European Parliament.

Chair at Panel Discussions and Conferences

71. Altoona; 3 August 2024; Chair of the panel “Economic Development, Innovation, Technological Change, and Growth”; International Conference on Empirical Economics (ICEE); Pennsylvania State University at Altoona.
72. Hamburg; 29 June 2018; Chair of the panel “Re-Nationalization or new regionalism: Can Federal Answers meet Regional Expectations?”; Joint Conference “Organizing Unity in Diversity”; Europa-Kolleg Hamburg and University of Hamburg.
73. Brussels; 11 October 2013; Chair of the *Intereconomics* conference “Inequality in Europe – What can be done what should be done?”; Centre for European Policy Studies (CEPS).
74. Brussels; 6 December 2012; Chair of the *Intereconomics* panel discussion “The Welfare State After the Great Recession”; Centre for European Policy Studies (CEPS).
75. Brussels; 23 March 2011; Chair of the *Intereconomics* panel discussion “Can the Eurozone be stabilised or will EMU break apart?”; Centre for European Policy Studies (CEPS).
76. Kiel; 7-10 September 2010; Session Organizer/Chair, Trusting Banks in a Financial Crisis, Annual Conference of the Verein für Sozialpolitik, University of Kiel.
77. Innsbruck; 22-24 April 2008; Social Capital Symposium; Symposium, University of Innsbruck.

4. Third-Party Funds

Projects in Preparation

1. “Intangible Capital and Productivity Growth”, 2024-2027, Under Review and Preparation.

Ongoing Projects

2. “Intangible Capital and (Green) Labour Productivity Growth”, 12/2023-12/2024, European Commission, DG Research & Innovation, No. CT-EX2013D139720-112. Role of PI.

Past Projects

EUR ~ 1,000,000

3. “Capturing the value of intangible assets in micro data to promote the EU’s growth and competitiveness (GLOBALINTO), 2019-2022, European Commission, Horizon 2020, Coordination of WP6 “Macro-economic underpinnings of growth”, No. 822259. EUR 404,436 out of EUR 2,972,811. Role of PI.
4. “Political Economy of EMU – Rebuilding Systemic Trust in the Euro Area in Times of Crisis”; 2014-2015; Non-Resident Research Fellowship Grant; European Commission, DG Economics and Financial Affairs, No. ECFIN/100/2014/SI2.683052. Role of PI.
5. “Economic growth in Europe – Findings and Future Directions”; Policy Review; 2014-2015; European Commission, DG Research & Innovation, No. CT-EX2013D139720-101.
6. “The Rule of Law and Labor Productivity Growth – Evidence for the EU”; 2014; European Commission, DG Joint Research Centre, No. 258747. Role of PI.
7. “Has the crisis in the Eurozone undermined citizens’ support for EMU and the euro?”; 2011-2012; Stiftung Mercator, No. 11-674.
8. “Is the Europe 2020 strategy capable of maintaining the EU’s competitiveness in the World?”; 2010-2011; Austrian Federal Chancellery.
9. “The Impact of Service Sector Innovation and Internationalisation on Growth and Productivity (SERVICEGAP)”, 2010-2013, European Commission, FP7, No. 244552.
10. “Indicators for Evaluating International Performance in Service Sectors (INDICSER)”, 2010-2013, European Commission, FP7, No. 244709.
11. “Has the financial crisis shattered citizens’ trust in national and European governmental institutions?”; 2011; Bertelsmann Foundation. Role of PI.
12. “Who can be trusted after this financial crisis?”; 2008-2009; Austrian Ministry of Finance.
13. “Intangible Capital and Innovations: Drivers of Growth and Locations (INNODRIVE)”, 2008-2011; European Commission; FP7, No. 214576.
14. “Social Capital, Trust and Economic Growth – A Cross-sectional and Panel Analysis”; 2004-2007; German Science Foundation (DFG)

5. Professional Activity

Refereeing	American Political Science Review, Applied Economics, Applied Economic Letters, AStA Wirtschafts- und Sozialstatistisches Archiv, Banque de France Working Paper Series, British Journal of Political Science, British Journal of Sociology, Cambridge University Press, European Central Bank Working Paper Series, <i>Economia Politica</i> , Economics & Politics, Economic Notes, <i>Empirica</i> , Empirical Economics, European Union Politics (2x), Industry and Innovation, International Studies Review, Journal of Financial Services, Journal of Institutional Economics, Journal for General Social Issues, Journal of Common Market Studies (7x), Journal of Economic Studies, Journal of Economic Surveys, Journal of Environmental and Resource Economics, Journal of Economic Behavior and Organization, Journal of European Public Policy, Journal of International Money and Finance, Journal of Institutional Economics, Journal of Socio-Economics, Managerial Finance, Perspectives on European Politics and Society, Political Studies, Review of Development Economics, Review of Income and Wealth (4x), Southern Economic Journal, Southeast Eur. and Black Sea Studies, ZPol.
Editor-in-Chief	Economics and Business Review, Hamburg Discussion Papers in International Economics
Article Editor	Intereconomics, SAGE Open
Board Member	Journal of Trust Studies
Peer Reviewing	DG Research & Innovation (6x), DG Research Executive Agency (3x), Economic and Social Research Council, Hellenic Foundation for Research & Innovation, Slovenian Research Council (2x).

Thesis Supervision *MSc-Level*

The relationship between trust in the European Central Bank and the formation of inflation expectations in the euro area, MSc Economics, UHH, 2023.

Intangible Capital and Labor Productivity Growth – A Cross-Country (Sub)-Sector Analysis, MSc Economics, UHH, 2021.

Explaining Public Support for the Euro outside the Euro Area – Analyzing the Danish Case, 1999-2019, MSc Politics, Economics and Philosophy, UHH, 2020.

The Impact of Structural Capital on Public Support for the Euro – An Empirical Analysis, MSc Economics, UHH, 2020.

Comparing Public Support for the Euro inside and outside the Euro Area – Evidence from the Eurobarometer, 2005-2017, MSc Economics, UHH, 2020.

Does Germany benefit from the Euro? – A Systematic Literature Review, MSc Economics, UHH, 2019.

Are Structural and Cohesion Funds promoting convergence between NUTS2 regions? – an empirical assessment considering Europe 2020 Strategy, MSc Economics, UHH, 2019.

Clean enough for the club? An Assessment of the influence of EU membership on Romania's fight against corruption, MSc Politics, Economics and Philosophy, UHH, 2019.

Intangible Capital and Labour Productivity Growth – An Empirical Investigation for the EU, MSc Economics, UHH, 2019.

Is Political Unity the Glue that holds the EMU together? Evidence from the Ruble Zone (1991-1993), with emphasis on the role of International Organizations, G7 and Financial Markets, MSc Economics, UHH, 2018.

Measuring the competitiveness of EU and China - The Key role of education in their 2020 strategy, MSc Economics, University of Paris, 2011.

BA-Level

Immaterielles Kapital und Arbeitsproduktivitätswachstum: ein Vergleich Italiens, Deutschlands und Frankreichs, BA, Economics, UHH, 2024.

How did the COVID-19 pandemic affect citizens' trust in the ECB? An explorative Data-analysis, BA, Economics, UHH, 2023.

Ist die Eurozone ein optimaler Währungsraum? Eine vertiefende Analyse der OCA-Theorie am Fallbeispiel Italiens, BA, Economics, UHH, 2023.

The European Commission's SURE instrument: An In-Depth Analysis of the Spanish Case, BA, Economics, UHH, 2023.

Führt Fiskalische Dominanz zu sinkender Unabhängigkeit der EZB? Eine Analyse am Fallbeispiel Italiens, BA, Economics, UHH, 2022.

State Aid during COVID-19: An Economically Necessary Measure or a Long-Term Distortion of European Competition?, BA, Economics, UHH, 2021

Der italienische Aufbau und Resilienzplan – Italiens Chance für ein nachhaltiges Wirtschaftswachstum?, BA, Economics, UHH, 2021.

Complementary Intangible Capital Investment and Artificial Intelligence – Analyzing the German case, BA Economics, UHH, 2019.

Do the Economic or Political Optimum Currency Area Criteria Explain the Enduring Sustainability of the Economic and Monetary Union better? – A qualitative Assessment of the Italian Case, BA Economics, UHH, 2019.

Können die Mitgliedsstaaten der Eurozone künftige Staatschuldenkrisen durch die Emission von SBBS Effektiv verhindern?, BA Economics, UHH, 2018.

Systemic Trust and Economic Growth—A Cross-Sectional Analysis, BA Economics, University of Göttingen, 2010.

Trust, Inequality and Redistribution Policy – A Theoretical and Empirical Study of Latin American Countries between 1996 and 2009, BA Economics, University of Göttingen, 2010.

Media Experience ARA, Bloomberg, Bulgarian National Radio, Christian Science Monitor, Deutsche Welle, Euronews, Financial Times, Financial Times (Germany), Informationsdienst Wissenschaft, Le Soir, Mainichi, ORF, ORF Broadcasting, Research Europe, South African Broadcasting, The Prague Post, Wirtschaftswoche.

Memberships American Economic Association, Royal Economic Society, Council of European Studies, Verein für Socialpolitik, German Association of University Professors and Lecturers

6. List of Taught Courses

My teaching focuses on “International Economics”, “Economics of European Integration”, “Economics of EMU and the Euro”, “European Economic Policy”, “Political Economy of EMU and the Euro” and “Intangible Capital and Growth” and takes the form of lectures, interactive lectures and seminars at the BA, MSc and PhD levels in both English and German.

1. Ökonomie der Europäischen Integration, Seminar, Profile Area, ~20 students, WS2024, BA Economics, University of Hamburg.
2. Intangible Capital and Growth, Lecture, Elective Area, ~45 students, WS2023, MSc Economics, University of Hamburg.
3. Ökonomie der Europäischen Integration, Seminar, Profile Area, ~20 students, WS2023, BA Economics, University of Hamburg.
4. Außenwirtschaft mit Schwerpunkt auf Ökonomie der Europäischen Integration, Lecture, Representation of Prof. Wolfgang Maennig, Compulsory Area, ~150 students, SS2023, BA Economics, University of Hamburg.
5. Ökonomie der Europäischen Wirtschafts- und Währungsunion, Seminar, Profile Area, ~20 students, SS2023, BA Economics, University of Hamburg.
6. Economics of European Integration, Lecture, Representation of Prof. Thomas Straubhaar, Profile Area, ~75 students, WS2020, BA Economics, University of Hamburg.
7. European Economic Policy, Lecture, Elective Area, ~45 students, SS2022, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
8. Economics of European Integration, Seminar, Profile Area, ~20 students, SS2022, BA Economics, University of Hamburg.
9. Intangible Capital and Labour Productivity Growth, Lecture, Elective Area, ~20 students, SS2021, MSc Economics, University of Hamburg.
10. Economics of European Integration, Lecture, Representation of Prof. Thomas Straubhaar, Profile Area, ~75 students, WS2020, BA Economics, University of Hamburg.
11. Intangible Capital and Labour Productivity Growth, Lecture, Elective Area, ~45 students, SS2020, MSc Economics, University of Hamburg.
12. Political Economy of Economic and Monetary Union, Lecture, Elective Area, ~45 students WS2019, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
13. Economics of European Integration, Seminar, Profile Area, ~20 students, SS2019, BA Economics, University of Hamburg.
14. Political Economy of Economic and Monetary Union, Lecture, ~45 students WS 2018, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.

15. European Economic Policy, Lecture, Elective Area, ~45 students, SS2018, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
16. Economics of European Integration, Seminar, Profile Area, ~ 20 students, SS2018, BA Economics, University of Hamburg.
17. International Political Economy, Lecture, Compulsory Area, ~45 students, SS2018, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
18. Political Economy of Economic and Monetary Union, Lecture, Elective Area, ~20 students, WS 2017, MS Economics and MSc Politics, Economics, Philosophy, University of Hamburg, University of Hamburg.
19. Political Economy of Economic and Monetary Union, Lecture, ~20 students, WS 2017, MSc European Studies, Europa-Kolleg Hamburg, University of Hamburg.
20. Aktuelle Probleme der Europäischen Integration, Seminar, Profile Area, ~20 students, WS 2017, BA Economics, University of Hamburg.
21. European Economic Policy, Lecture, Elective Area, ~45 students, SS 2017, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
22. International Political Economy, Lecture, Compulsory Area, ~45 students, SS2017, MSc Economics and MSc Politics, Economics, Philosophy, University of Hamburg.
23. Introduction to European Economic Policy, Lecture, Representation of Prof. Renate Ohr, Compulsory Area, ~45 students, WS 2011, BA Economics, University of Göttingen.
24. Eurozone Crisis and Political Union, Seminar, Elective Area, ~20 students, SS 2011, BA Economics, University of Göttingen.
25. Intangible Capital and Labour Productivity Growth, Seminar, Elective Area, ~20 students, WS 2010, BA Economics, University of Göttingen.
26. Trust and Economics, Seminar, Elective Area, ~20 students, SS 2010, BA Economics, University of Göttingen.
27. Trust and Financial Crisis, Seminar, Elective Area, ~20 students, WS 2009, BA Economics, University of Göttingen.