

Curriculum Vitae

Dr. rer. pol. habil. Wolfgang Briglauer

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Websites

<https://www.wu.ac.at/regulation/members/research-staff/wolfgang-briglauer>

<http://ecoaustria.ac.at/en/dr-wolfgang-briglauer-2/>

<https://www.ibusiness.uni-passau.de/lehrstuhlteam/research-affiliates/>

<https://www.linkedin.com/in/wolfgang-dr-briglauer-38a012b5>

<https://scholar.google.de/citations?user=2YWZyZUAAA&hl=de>

June 2024

Personal information

Date of Birth: December 27, 1974 in Schärding (Upper Austria)

Nationality: Austrian

Professional experience (24 years)

2018 onwards: **Postdoc Researcher at WU**

Research Institute for Regulatory Economics,
Vienna University of Business and Economics (WU)

Postdoc Researcher at EcoAustria

Head of research area "Digitalisation and Regulation"

2013-2019: **Senior Researcher at ZEW**

Centre for European Economic Research (ZEW)

Research department "Digital Economy" since January 2018

- Applied research and project work with a focus on the field of competition and regulation in electronic communications markets and digital economy

2009-2013: **Postdoc Researcher at WU**

Research Institute for Regulatory Economics

- Empirical and policy-oriented research on regulation and competition in telecommunications markets
- Organization of research seminars, conferences, and workshops and team coordination
- Teaching and theses (co-)supervision

2000-2009: **Senior regulatory expert at RTR-GmbH**

Austrian Regulatory Authority for Broadcasting and Telecommunications (RTR-GmbH), economics department

- Major direct testimonies/expert opinions
 - Implementation of market definition, market analysis, and remedial measures
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Education & formal qualifications

- 2021: **Dr. rer. pol. habil. (Habilitation in Economics)**
Technische Universität Ilmenau (Germany)
- 1998-2001: **Dr.rer.soc.oec. (Doctorate in Economics)**
Thesis title: *Motives for Firm Diversification – A Survey on Theory and Empirical Evidence*
Johannes Kepler University Linz (JKU)
- 1993-1998: **Mag.rer.soc.oec. (Master in Economics)**
Thesis title: *Welfare Effects of Mergers and Optimal Regulation of Natural Monopolies*
Johannes Kepler University Linz (JKU)
- 1993-1995: **Legal studies (study phase I completed)**
Johannes Kepler University Linz (JKU)
- 1985-1993: **Higher school certificate**
High school, Schärding

Languages

- German (Mother tongue)
- English (Proficient user)

Managerial & organizational skills

- Most Microsoft Office programs
- Econometric software (STATA)
- International research and project teams
- Interdisciplinary research
- Workshop, seminar and conference organization
- Consulting, policy and expert reports

Teaching

Angewandte Mikroökonomik (Applied Microeconomics)

- Undergraduate course held eleven times at:
WU (winter term 2011 - summer term 2016)
FOM Mannheim (winter term 2017 – summer term 2018)

Telekommunikations- und Internetinfrastrukturen

- Undergraduate course held three times at University of Passau (summer term 2020 – winter term 2022)

Research interests

- Regulatory and telecommunications policies
- Broadband subsidies and access regulation
- Economic impact of broadband networks and services
- Net neutrality and technological neutrality
- Digital economy / environmental effects of digitization
- Applied econometrics

Academic age & publication data

- 15 years (first academic employment in 2009)
- h-index: 20; google scholar citations: >1400

Monographs, book contributions & articles in (refereed) journals

1. Briglauer, Wolfgang, Krämer, Jan, Palan, Nicole. (2024). Socioeconomic Benefits of High-Speed Broadband Availability and Service Adoption: A Survey. *Telecommunications Policy* (forthcoming).
2. Briglauer, Wolfgang, Grajek, Michal. 2023. Effectiveness and efficiency of state aid for new broadband networks: Evidence from OECD member states. *Economics of Innovation and New Technology*: 1-29
3. Briglauer, Wolfgang, Köppl-Turyrna, Monika, Schwarzbauer, Wolfgang, Bitto, Virag. 2023. Evaluating Direct and Indirect Effects of ICT on CO2 Emissions: Recent Evidence from OECD Countries. *Telecommunications Policy*, Vol. 47(8): 102581
4. Briglauer, Wolfgang, Köppl-Turyrna, Monika, Schwarzbauer, Wolfgang, Bitto, Virag. 2023. The Impact of ICT on Electricity and Energy Consumption and Resulting CO2 Emissions: A Literature Review. *International Review of Environmental and Resource Economics*, Vol. 17(2-3): 319-361
5. Briglauer, Wolfgang, Cambini, Carlo, Gugler, Klaus, Volker Stocker. 2023. Net Neutrality and High-Speed Broadband Networks: Evidence from OECD Countries. *European Journal of Law and Economics*, Vol. 55: 533-571
6. Briglauer, W., Palan, N. 2023. Economic Benefits of High-Speed Broadband Coverage and Adoption. In: Ordóñez de Pablos, P., Zhang, X. "5G, Artificial Intelligence, and Next Generation Internet of Things: Digital Innovation for Green and Sustainable Economies": 27-43.
7. Briglauer, Wolfgang. 2022. Regulierung und wettbewerblicher Ausbau von modernen Hochbreitbandnetzen, *Netzwirtschaften&Recht*, Vol. 02: 78-87
8. Briglauer, Wolfgang, Madlener, Reinhard, Sheykhha, Siamak. 2022. The electricity- and CO2-Saving potentials offered by regulation of European video-streaming services, *Energy Policy*, Vol. 161: 112716
9. Briglauer, Wolfgang, Dürr, Niklas, Gugler, Klaus. 2021. A Retrospective Study on the Regional Benefits and Spillover Effects of High-Speed Broadband Networks: Evidence from German Counties, *International Journal of Industrial Organization* Vol. 74: 102677
10. Briglauer, Wolfgang, Köppl-Turyrna, Monika. 2021. Die Auswirkung der Digitalisierung auf CO2 Emissionen: Theoretische Einzeleffekte und empirische Abschätzung des Gesamteffekts. *EcoAustria Policy Note* 46, Wien
11. Briglauer, Wolfgang, Stocker, Volker, Whalley, Jason. 2020. Public Policy Targets in EU Broadband Markets: The Role of Technological Neutrality, *Telecommunications Policy*, Vol. 44 (5): 101908
12. Briglauer, Wolfgang, Stocker, Volker. 2020. Bedeutung digitaler Infrastrukturen und Dienste und Maßnahmen zur Förderung der Resilienz in Krisenzeiten, *EcoAustria Policy Note* 42, Wien
13. Briglauer, Wolfgang, Gugler, Klaus. 2019. Go for Gigabit? First Evidence on Economic Benefits of High-Speed Broadband Technologies in Europe, *Journal of Common Market Studies*, Vol. 57: 1071-1090
14. Briglauer, Wolfgang. 2019. Editorial: Special Issue on "Recent Net Neutrality Policies in Europe and the US", *Review of Network Economics*, Vol. 17: 109-114
15. Briglauer, Wolfgang, Stocker, Volker, Paul, Stockhammer. 2019. Ist Netzneutralität tatsächlich gut? Eine Neubewertung vor dem Hintergrund der Regulierung in den USA und in der EU sowie aktueller Forschungsergebnisse, *EcoAustria Policy Note* Nr. 38, Wien

16. Briglauer, Wolfgang, Camarda, Enrico, Vogelsang, Ingo. 2019. Path Dependencies in Regulation and its Determinants: Recent Evidence from EU Broadband Markets, *Telecommunications Policy*, Vol. 43: 101825
17. Briglauer, Wolfgang, Niklas Dürr, Oliver Falck, Kai Hüschelrath. 2019. Does State Aid for Broadband Deployment in Rural Areas Close the Digital and Economic Divide? *Information Economics and Policy*, Vol. 46: 68-85
18. Briglauer, Wolfgang, Cambini, Carlo. 2019. Does regulation of basic broadband networks affect the adoption of new fiber-based broadband services? *Industrial and Corporate Change*, Vol. 28: 219-240
19. Briglauer, Wolfgang, Cambini, Carlo, Grajek, Michal. 2018. Speeding Up the Internet: regulation and Investment in the European Fiber Optic Infrastructure, *International Journal of Industrial Organization*, Vol. 61: 613-652
20. Briglauer, Wolfgang und Ingo Vogelsang. 2018. Fördermodelle und Aspekte einer optimalen Migration zur Gigabitinfrastruktur - Breitbandziele, Fördermaßnahmen und Technologieneutralität, ifo Schnelldienst, Vol. 7: 9-12
21. Briglauer, Wolfgang, Thomas, Tobias, Schwarzbauer, Wolfgang. 2018. Breitbandziele effizient erreichen! EcoAustria Policy Note Nr. 27, Wien
22. Bertschek, Irene, Briglauer, Wolfgang. 2018. Wie die Digitale Transformation der Wirtschaft gelingt, ZEW policy brief Nr. 18-05, Mannheim
23. Briglauer, Wolfgang, Cambini, Carlo, Fetzer, Thomas, Hüschelrath, Kai. 2017. A Critical Appraisal of the European Electronic Communications Code in view of its Goal of Incentivizing Investment and Regulatory Policies, *Telecommunications Policy*, Vol. 41: 948-961
24. Briglauer, Wolfgang, Vogelsang, Ingo. 2017. A Regulatory Roadmap to Incentivize Investment in New High-Speed Broadband Networks, *DigiWorld Economic Journal*, Vol. 106: 143-160
25. Bertschek, Irene, Briglauer, Wolfgang, Hüschelrath, Kai, Kauf, Benedikt, Niebel, Thomas. 2016. The Economic Impacts of Telecommunications Networks and Broadband Internet: A Survey, *Review of Network Economics*, Vol. 14: 201-227
26. Briglauer, Wolfgang, Holzleitner, Christian, Vogelsang, Ingo. 2016. The Need For More Efficient Public Funding of New Communications Infrastructure in EU Member States, *Information Economics and Policy*, Vol. 36: 26-35
27. Briglauer, Wolfgang, Gugler, Klaus, Haxhimusa, Adhurim. 2016. Facility- and Service-based Competition and Investment in Fixed Broadband Networks: Lessons from a Decade of Access Regulations in the European Union Member States, *Telecommunications Policy*, Vol. 40: 729-742
28. Briglauer, Wolfgang. 2015. How EU sector-specific regulations and competition affect migration from old to new communications infrastructure: recent evidence from EU27 member states, *Journal of Regulatory Economics*, Vol. 48(2): 194-217
29. Briglauer, Wolfgang, Cambini, Carlo, Grajek, Michal. 2015. Faster broadband on Next Generation Access networks: What keeps Europe behind? Bruegel Policy Contribution, Vol. September(14): 1-13
30. Briglauer, Wolfgang, Stefan Frübing, Ingo Vogelsang. 2015. The Impact of Alternative Public Policies on the Deployment of New Communications Infrastructure – A Survey, *Review of Network Economics*, Vol. 13(3): 227-270

31. Briglauer, Wolfgang. 2014. The Impact of Regulation and Competition on the Adoption of Fiber-based Broadband Services: Recent Evidence from the European Union Member States. *Journal of Regulatory Economics*, Vol. 46(1): 51-79
32. Briglauer, Wolfgang, Fröbings Stefan. 2014. Sektorspezifische Regulierung und Investitionen in neue glasfaserbasierte Kommunikationsinfrastrukturen: eine ökonomische Bestandsaufnahme, *Netzwerkwirtschaften & Recht*, Vol. 5:198-204
33. Briglauer, Wolfgang, Gugler, Klaus. 2013. The deployment and penetration of high-speed fibre networks and services: Why are European member states lagging behind? *Telecommunications Policy*, Vol. 37(10): 819-835
34. Briglauer, Wolfgang, Ecker, Georg, Gugler, Klaus. 2013. The impact of infrastructure and service-based competition on the deployment of next generation access networks: Recent evidence from the European member states. *Information Economics and Policy*, Vol. 25(3): 142-153
35. Briglauer, Wolfgang, Hartl, Bernd. 2011. Investitionstätigkeiten zwischen sektorspezifischer und staatlicher Regulierung am Beispiel des Ausbaus neuer Telekommunikationsnetze. *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, Vol. 131(3): 1-28
36. Briglauer, Wolfgang, Götz, Georg, Schwarz, Anton. 2011. Margin Squeeze in Fixed-Network Telephony Markets - Competitive or Anti-competitive? *Review of Network Economics*, Vol. 10 (4): 3
37. Briglauer, Wolfgang, Schwarz, Anton, Zulehner, Christine. 2011. Is fixed-mobile substitution strong enough to de-regulate fixed voice telephony? Evidence from the Austrian markets. *Journal of Regulatory Economics*, Vol. 39 (1): 50-67
38. Briglauer, Wolfgang, Vogelsang, Ingo. 2011. The Need for a New Approach to Regulating Fixed Networks. *Telecommunications Policy*, Vol. 35 (2): 102-114
39. Briglauer, Wolfgang. 2010. Preisregulierung auf Festnetzmärkten – Praxis und ökonomische Zusammenhänge im Liberalisierungsverlauf am Fallbeispiel Österreichs. Peter-Lang Verlag, Frankfurt am Main, 312 Seiten
40. Briglauer, Wolfgang, Götz, Georg, Schwarz, Anton. 2010. Do we (still) need to regulate fixed network retail markets? *Telecommunications Policy*, Vol. 34 (10): 551-561
41. Briglauer, Wolfgang, Hartl, Bernd. 2009. Preisregulierung und Quersubventionierungskontrolle bei nichtlinearen Tarifen am Beispiel sektorspezifischer Festnetzmärkte. *MedienWirtschaft - Zeitschrift für Medienmanagement und Kommunikationsökonomie*, Vol. 2: 6-18
42. Briglauer, Wolfgang. 2008. Zwischen Marktabgrenzung und Wettbewerbsanalyse: Der ‚Drei-Kriterien-Test‘ der Europäischen Kommission. *Jahrbuch für Wirtschaftswissenschaften*, Vol. 59 (3): 226-243
43. Briglauer, Wolfgang, Reichinger, Kurt. 2008. Chances of Contestability in Communications – A Sector-Specific Application. *Intereconomics*, Vol. 1: 51-64
44. Briglauer, Wolfgang. 2008. Conceptual Problems with the Hypothetical Monopolist Test in Ex-Ante Regulation of Communications under the New Regulatory Framework. *Journal of Competition Law and Economics*, Vol. 4: 311-334
45. Briglauer, Wolfgang, Ertl, Max Stefan. 2007. Dynamische und marktespezifische Übergänge zwischen Ex-ante und Ex-post am

- Beispiel der Festnetzregulierung. *Netzwirtschaften&Recht*, Vol. 3: 103-109
46. Briglauer, Wolfgang, Hartl, Bernd. 2007. Quersubventionierungsfreiheit auf sektorspezifischen Festnetzendkundenmärkten. *MedienWirtschaft - Zeitschrift für Medienmanagement und Kommunikationsökonomie*, Vol. 2: 6-17
 47. Briglauer, Wolfgang. 2006. Ex-ante Preisgestaltung auf Festnetzendkundenmärkten – Wettbewerbsprobleme und Regulierungsoptionen. *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, Vol. 4: 535-561
 48. Briglauer, Wolfgang, Ertl, Max Stefan. 2006. Ex-ante Tarifgenehmigung auf Festnetzendkundenmärkten – Rechtliche und ökonomische Aspekte. *Netzwirtschaften&Recht*, Vol. 4: 157-163
 49. Briglauer, Wolfgang. 2006. Märkteübergreifende Wettbewerbsregulierung im Rechtsrahmen 2002 für elektronische Kommunikation. *Medien&Recht*, Vol. 5: 279-288
 50. Briglauer, Wolfgang, Hartl, Bernd, Lukanowicz, Martin. 2006. Resale als regulatorische Option zur Umgehung des Anschlussmonopols in Kommunikationsmärkten. *Zeitschrift für Wirtschaftspolitik*, Vol. 3: 357-381
 51. Briglauer, Wolfgang, Hartl, Bernd, Lukanowicz, Martin. 2006. Resale der Teilnehmeranschlussleitung als regulatorische Option in Kommunikationsmärkten. *Netzwirtschaften&Recht*, Vol. 1: 17-24
 52. Briglauer, Wolfgang. 2006. Market Analyses under the New European Communications Framework – Some Conceptual Issues. In: *Digital Economic Dynamics – Innovations, Networks and Regulations*, Hrsg. Welfens, P.J.J., Weske, M., 63-90. Berlin Heidelberg: Springer
 53. Briglauer, Wolfgang, Schwarz, Anton. 2005. Can the HM-test be brought to an end? *Netnomics*, Vol. 7: 1-16
 54. Briglauer, Wolfgang. 2004. Generic reference model for the analysis of relevant communications markets: fundamental competition issues. *Info*, Vol. 6: 93-104
 55. Briglauer, Wolfgang. 2004. Können Festnetzmärkte bestreitbar sein? *Wirtschaftsdienst*, Vol. 3: 193-200
 56. Briglauer, Wolfgang. 2003. Generisches Referenzmodell für die Analyse relevanter Kommunikationsmärkte – Wettbewerbsökonomische Grundfragen. WIK-Diskussionsbeitrag, Nr. 243, Bad Honnef

Submission stages of current research papers

1. Briglauer, Wolfgang, Gugler, K. Krämer, Jan. An Empirical Assessment of The Economic Impact of Net Neutrality Rules in Mobile Broadband Markets (work in progress).
2. Briglauer, Wolfgang, Yoo, Christopher. Efficiency and Effectiveness of Net Neutrality Rules in the Mobile Sector: Relevant Developments and State of the Empirical Literature (work in progress).
3. Briglauer, Wolfgang, Cambini, Carlo, Gugler, Klaus. The Economic Significance of Modern Broadband Internet Infrastructures and Services (R&R).

Conference contributions, invited talks & other presentations

1. 2023. Economic Benefits of High-Speed Broadband Network Coverage and Service Adoption: Evidence from OECD Member States. Research seminar TU Ilmenau, 28.11.
2. 2023. Evaluating the Effects of ICT on CO2 Emissions: Recent Evidence from OECD Countries. Invited talk at RTR-GmbH, Vienna, 13.11.
3. 2023. Economic Benefits of High-Speed Broadband Network Coverage and Service Adoption: Evidence from OECD Member States. ITS 32nd European Conference, Madrid, 19.06.
4. 2022. Economic Benefits of High-Speed Broadband Network Coverage and Service Adoption: Evidence from OECD Member States. WIFO Research Seminar, 16.11.
5. 2022. Evaluating the Effects of ICT on CO2 Emissions: Recent Evidence from OECD Countries. 31st European Regional ITS Conference, Gothenburg, 19.06.-21.06.
6. 2021. Net Neutrality and High-Speed Broadband Networks: Evidence from OECD Countries. Weizenbaum Colloquium, Online-event, 02.12.
7. 2021. Net neutrality and high-speed broadband networks: Evidence from OECD countries, Online event, ITS Biannual Conference, Gothenburg, 21.06.-23.06.
8. 2021. An Empirical Assessment of Recent Net Neutrality Policies in OECD Member States. Online event, WU Anniversary Fund of the City of Vienna, Vienna, Austria, 16.06.
9. 2021. An Empirical Assessment of Recent Net Neutrality Policies in OECD Member States, Online event, TU Ilmenau, 27.01.
10. 2020. Hochbreitband - Stand und politische Ziele. Ko-Referat Sitzung Infrastrukturkommission Economiesuisse, Online-event, 24.11.
11. 2020. An Ex-post Assessment of the Economic Benefits of High-Speed Broadband Coverage and Adoption: First Evidence from OECD Member States. Weizenbaum Colloquium, Online-Veranstaltung, 22.09.
12. 2020. Internet Policies: The Role of Regulation, Subsidies and the Economic Impact of Broadband. Invited talk, Weizenbaum Institute, Online-Veranstaltung, 11.05.
13. 2019. A retrospective Study on the Benefits and Costs of a National High-Speed Broadband Plan: Evidence from the German Counties, ZEW digital economy department seminar, invited department seminar talk, TU Ilmenau, 10.12.
14. 2019. A retrospective Study on the Benefits and Costs of a National High-Speed Broadband Plan: Evidence from the German Counties, ZEW digital economy department seminar, 08.10.
15. 2019. Go for Gigabit? First evidence on economic benefits of (Ultra-) Fast broadband technologies in Europe, invited department seminar talk, TU Ilmenau, 09.04.
16. 2018. Neuer European Electronic Communications Code – Deregulierung im Access Bereich: Pfadabhängigkeit der Breitbandregulierung, Regulierungsworkshop, invited talk, Worblaufen, Schweiz, 06.12.
17. 2018. Go for Gigabit? First evidence on economic benefits of (Ultra-) Fast broadband technologies in Europe, 29th ITS European Conference, Trento, 01.08.-04.08.
18. 2018. Effektivität und Effizienz öffentlicher Fördermaßnahmen beim Breitbandausbau, Fachdialog zum Forschungsbedarf: Gesamtwirtschaftliche Aspekte der Digitalisierung, BMWi, Berlin, 18.09.

19. 2017. Go for Gigabit? First Evidence on Economic Benefits of Fiber-based Broadband Technologies in Europe, invited talk, University of Freiburg, 11.12.
20. 2017. Bridging the Digital and Economic Divide? Evaluating State Aid for Broadband Deployment in Rural Areas of Bavaria, VfS-Jahrestagung, University of Vienna, 04.09.-07.09.
21. 2017. Path Dependencies in Regulation and Their Determinants: Recent Evidence from Regulated EU Broadband Markets, 28th European Regional ITS Conference, Passau, 30.07.-02.08.
22. 2017. Path Dependencies in Regulation and Their Determinants: Recent Evidence from Regulated EU Broadband Markets, guest talk, Advanced Subject in Economics - Regulatory Economics, invited talk (lecture Prof. Gugler, WU), Vienna, 06.06.
23. 2017. Path Dependencies in Regulation and Their Determinants: Recent Evidence from Regulated EU Broadband Markets, FSR C&M and CMPF Annual Scientific Seminar on Competition and Regulation in Infrastructure and Digital Markets, Florence, 24.03.-25.03.
24. 2016. How to fill the gap? The (Limited) role of regulation, VfS-Jahrestagung, Augsburg, 04.09.-07.09.
25. 2016. How to fill the gap? The (Limited) role of regulation, guest talk, Advanced Subject in Economics - Regulatory Economics, invited talk (lecture Prof. Gugler, WU), Vienna, 07.06.
26. 2016. Bridging the Digital and Economic Divide? Evaluating State Aid for Broadband Deployment in Rural Areas of Bavaria, 14th ZEW Conference on the Economics of Information and Communication Technologies, Mannheim, 03.06.
27. 2016. How to fill the gap? The (Limited) role of regulation, FSR C&M and CMPF Annual Scientific Seminar on Competition and Regulation in Infrastructure and Digital Markets, Florence, 18.03.-19.03.
28. 2015. The Impact of Regulation and Competition on the Migration from Old to New Communications Infrastructure: Recent Evidence from European Incumbents and Entrants, 5th ZEW SEEK Conference, Mannheim, 08.10.-09.10.
29. 2015. The Impact of Regulation and Competition on the Migration from Old to New Communications Infrastructure: Recent Evidence from European Incumbents and Entrants, Annual Conference of the European Association of Law and Economics, Vienna, 17.09.-19.09.
30. 2015. Facility- and Service-based Competition and Investment in Fixed Broadband Networks: Lessons from a Decade of Access Regulations in EU Member States, 42nd Annual EARIE Conference, Munich, 28.08.-30.08.
31. 2015. Facility- and Service-based Competition and Investment in Fixed Broadband Networks: Lessons from a Decade of Access Regulations in EU Member States, 26th European Regional ITS Conference, San Lorenzo de El Escorial, 24.06.-27.06.
32. 2014. The impact of sector-specific regulation on the deployment of next generation access communications infrastructure: Evidence from European incumbent and entrant operators. 7th Annual CRNI Conference, Brussels, 07.11.
33. 2014. Die Rolle von sektorspezifischer Regulierung und von Wettbewerb in Hinblick auf die Migration zu neuer glasfaserbasierter Infrastruktur. HFM-Workshop Wettbewerb und Regulierung im Internet, Hamburg, 17.10.
34. 2014. The impact of sector-specific regulation on the deployment of next generation access communications infrastructure: Evidence from

- European incumbent and entrant operators. 25th ITS European Regional Conference, Brussels, 22.06.-25.06.
35. 2014. The impact of sector-specific regulation on the deployment of next generation access communications infrastructure: Evidence from European incumbent and entrant operators. Research Seminar in Regulation and Competition Economics, WU, Vienna, 10.06.
 36. 2014. Broadband roll-out. CCI & CTIC Telecommunications Workshop 2014, Mannheim, 29.04.
 37. 2013. The Impact of Regulation and Competition on the Adoption of Fiber-based Broadband Services: Recent Evidence from the European Union Member States. MaCCI Competition and Regulation Day, Mannheim, 05.12.
 38. 2013. The Impact of Regulation and Competition on the Adoption of Fiber-based Broadband Services: Recent Evidence from the EU Member States. 6th Annual CRNI Conference, Brussels, 22.11.
 39. 2013. The Impact of Regulation and Competition on the Adoption of Fiber-based Broadband Services: Recent Evidence from the EU Member States. 24th European Regional Conference of the International Telecommunications Society, Florence, 20.10.-23.10.
 40. 2013. The Impact of Regulation and Competition on the Adoption of Fiber-based Broadband Services: Recent Evidence from the European Union Member States. 2nd Conference on the Regulation of Infrastructure Industries, Florence, 07.06.
 41. 2012. Regulation and Investment in Next Generation Access Networks: Recent Evidence from the EU Member States. 39th Annual EARIE Conference, Rome, 02.09.-04.09.
 42. 2012. A critical appraisal of the European Commission's policy towards regulating next generation communications networks. 23rd European Regional ITS Conference, Vienna, 01.07.-04.07.
 43. 2012. Regulation and Investment in Next Generation Access Networks: Recent Evidence from the European Member States, 1st Conference on the Regulation of Infrastructure Industries, Florence, 15.06.
 44. 2012. Infrastruktur und Datentransport, Workshop Konvergenz von Energiesystemen und IKT, Federal Ministry for Transport, Innovation and Technology, Vienna, 11.09.
 45. 2011. NGA investments, regulation and competition: evidence from the European member states. 22nd European Regional ITS Conference, Budapest, 18.09.-21.09.
 46. 2011. Outlining the Inefficiencies of Cost-Based Wholesale Regulation with Excess Capacity and Sunk Costs in Fixed Networks. 6th Regulatory Cost Modelling & Accounting Conference, Vienna, 15.06.-16.06.
 47. 2011. Die Herausforderungen an die zukünftige Festnetzregulierung angesichts aktuellster Marktentwicklungen. Volkswirtschaftliches Kolloquium der Helmut-Schmidt-Universität, Hamburg, 22.06.
 48. 2010. Die Zukunft der Festnetzvorleistungsregulierung. Ökonomentreffen der Regulatoren und der Bundeswettbewerbsbehörde, Vienna, 08.11.
 49. 2008. Marktanalyseverfahren und sektorspezifische Regulierung für Kommunikationsmärkte. Workshop mit Vertretern des Amts für Kommunikation Liechtenstein, Vienna, February.
 50. 2006. Market Analyses: An application to Fixed Retail Markets. NATP-II Workshop, Vienna, April.

Direct testimonies & expert opinions for TKK

1. Expert opinion for TKK on the tariff approval of eTel in case G 64/07. Vienna: RTR-GmbH (2007)
2. Expert opinion for TKK on the tariff approval of Telekom Austria AG in case G 144/06. Vienna: RTR-GmbH (2007)
3. Expert opinion for TKK on the tariff approval of Telekom Austria AG in case G132/05. Vienna: RTR-GmbH (2006)
4. Expert opinion on regulatory remedies for TKK in cases M 1/06-M 4/06 and M 6/06 (fixed network retail markets). Vienna: RTR-GmbH (2006)
5. Expert opinion on significant market power for TKK in cases M 1-6/06 (fixed network retail markets). Vienna: RTR-GmbH (2006)
6. Expert opinion on regulatory remedies for TKK in cases M 1/03-M 4/03 and M 6/03-M 8/03 (fixed network retail markets, wholesale markets origination and termination). Vienna: RTR-GmbH (2004)
7. Expert opinion on significant market power according to the new regulatory framework 2002 for TKK (markets nr. 1-9 of the Austrian market ordinance TKMVO 2003). Vienna: RTR-GmbH (2004)
8. Expert opinion on non-discriminatory conditions for narrowband wholesale access (Resale) for Tele2 Telecommunication Services GmbH (case W 6/03 WLR Tele2 - TA) for TKK. Vienna: RTR-GmbH (2003)

Contributions to public hearings & consultations

1. Contribution to the "Workshop on Open Internet", European Commission, Brussels, 19.3.2024
2. Contribution to Theme "5G and climate change", SPB-005-22 consultation on the Spectrum Outlook 2022 to 2026, Radio Advisory Board of Canada, 2022.
3. Contribution to "Net neutrality review Call for evidence", Ofcom, 2021
4. Why Is Europe Lagging on Next Generation Access Networks? Expert hearing (with Carlo Cambini, Michal Grajek), DG for Communications Networks, Content and Technology Spectrum Unit, European Commission, Brussels, 06.11.2015
5. Determinants of fast and ultra-fast broadband adoption (with Carlo Cambini). In: The Future of Broadband Policy, European University Institute (EUI). A Report by the Florence School of Regulation Communications and Media for the Public Consultation on the Needs for Internet Speed and Quality Beyond 2020, 07.12.2015
6. Comments of the Research Institute for Regulatory Economics on the European Commission Questionnaire for the public consultation on costing methodologies for key wholesale access prices in electronic communications, 25.11.2011

Theses (co-)supervision

1. Stockhammer, Paul, Master Thesis (2019)
2. Kauf, Benedikt, Master Thesis (2016)
3. Melani, Sauro, Master Thesis (2015)
4. Hündler, Georg, Master Thesis (2013)
5. Haxhimusa, Adhurim, Master Thesis (2012)
6. Iser, Reinhard, Bachelor Thesis (2012)

Media coverage & blog posts

1. For the FCC, a Cautionary Tale of EU 'Open Internet' Rules (Broadband Breakfast, 29.3.2024)
2. New Academic Research Challenges Broadband Internet Rules (Forbes, 16.2. 2023)
3. If Biden is serious about broadband, he should oppose net neutrality (AEI blog post, 05.01.2021).
4. Schnelles Internet: Hohe Verfügbarkeit – geringe Nachfrage (Die Volkswirtschaft, 12.11.2020).
5. Wer profitiert vom Ende des freien Internets? (Die Presse, 8.12.2019).
6. Netzneutralitätspolitik in den USA und in der EU: Stand der Literatur und Politikempfehlungen (with Volker Stocker, Ökonomenstimme, 21.10.2019).
7. Regulierung der Telekommunikation – Die Schweiz macht es besser (Ökonomenstimme, 4. 4. 2019).
8. Was die Schweiz vermeiden sollte (Basler Zeitung, 14.4.2018, Seite 4).

Organization of scientific conferences, seminars and workshops

1. 5th Annual SEEK Conference, Mannheim, 08.19-09.10.2015. Member of the ZEW organising team. Conference details available at: <http://seek.zew.eu/en/seek/events/conferences/5th-seek-conference.html>
2. Mannheim Competition Policy Forum (MCPF), Mannheim, member of the organising committee, 2015-2017. Details on the MCPF available at: <http://www.macci-mannheim.eu/macci-mannheim-centre-for-competition-and-innovation/events/mannheim-competition-policy-forum-mcpf.html>
3. 23rd European Regional Conference of the International Telecommunications Society (ITS), Vienna, 01.07.-05.07.2012 (co-organized by WU's Research Institute for Regulatory Economics, SBR Juconomy Consulting AG, RTR-GmbH and ITS). Conference details available at: <http://www.itseuropeanconference2012.org/>
4. Aktuelle Fragen zur Regulierung von Energie- und Telekommunikationsmärkten, Vienna, 14.01.2011. Workshop details available at: http://www.wu.ac.at/regulation/conferences_workshops/Workshops
5. Aktuelle Fragen zur Regulierung von Energie- und Telekommunikationsmärkten, Vienna, 20.11.2009. Workshop details available at: http://www.wu.ac.at/regulation/conferences_workshops/Workshops
6. Viennese Research Seminar on Regulated Network Industries, head of organising committee, 2010-2011. Details on the seminar series available at: <https://www.wu.ac.at/regulation/research/rs>

Consulting & project work

1. Efficiency and Effectiveness of Net Neutrality Rules in the Mobile Sector: Relevant Developments and State of the Empirical Literature, Study prepared for Vodafone Group Services Ltd, Vienna/Newbury (2024). Project lead: Wolfgang Briglauer
2. Ökonomische Effekte der Digitalisierung, Studie im Auftrag von Microsoft Österreich GmbH, Accenture GmbH und Avanade Österreich GmbH, EcoAustria, Wien (2023). Project lead: Nikolaus Graf.
3. Volkswirtschaftliche Bedeutung des Internets in Österreich. Studie im Auftrag von ISPA (Internet Service Providers Austria), EcoAustria, Wien (2022). Project lead: Wolfgang Schwarzbauer (EcoAustria)
4. Economic Benefits of High-Speed Broadband Coverage and Adoption, OeNB Anniversary Fund (project nr. 18736), EcoAustria, Wien (2021-2023). Project lead: Wolfgang Briglauer (EcoAustria)
5. Digitalisierung und Klimawandel: Hebeltechnologien, -anwendungen und Gesamteffekt der Digitalisierung auf die CO₂-Emissionen. Studie erstellt für A1 Telekom Austria AG in Kooperation mit Fraunhofer-Institut für System- und Innovationsforschung (ISI), EcoAustria report, Wien (2021). Project lead: Monika Köppl-Turyna (EcoAustria)
6. Evaluating the Impact of State Aid for High-Speed Broadband: First Evidence from OECD Countries, WU internal project funding, WU Wien (2021). Project lead: Wolfgang Briglauer (WU)
7. The Economic Impact of Investments in Very High Capacity (VHC) Networks in Rural and Urban Areas in the EU-27, EcoAustria report prepared for European Investment Bank, Vienna/Brussels (2020-2021). Project lead: Wolfgang Schwarzbauer (EcoAustria)
8. An Empirical Assessment of Recent Net Neutrality Policies in OECD Member States, WU internal project funding, WU Wien (2020). Project lead: Wolfgang Briglauer (WU)
9. Ökonomische und rechtliche Sinnhaftigkeit von nachfrageseitigen Förderungen im Ausbau moderner Breitbandnetze über „Voucher-Systeme“, Studie im Auftrag von VATM und BREKO, Berlin/Bonn/Mannheim (2019). Project lead: Wolfgang Briglauer (ZEW)
10. Positionierung und Wachstumspotenzial von Telekommunikationsunternehmen, Studie im Auftrag von Ernst&Young GmbH, Stuttgart/Mannheim (2018). Project lead: Jörg Ohnemus (ZEW)
11. Überblicksstudie zum Ordnungsrahmen für die Digitalwirtschaft in Industrie-, Schwellen-, und Entwicklungsländern, Studie im Auftrag der Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Eschborn/Mannheim (2018). Project lead: Wolfgang Briglauer (ZEW)
12. Metastudie zur Bestandsaufnahme des Digitalen Ökosystems NRW, Studie im Auftrag des Ministeriums für Wirtschaft, Innovation, Digitalisierung und Energie des Landes Nordrhein-Westfalen, Düsseldorf/Mannheim (2018). Project lead: Irene Bertschek (ZEW)
13. Strukturreformen in Deutschland 2013-2017, Studie im Auftrag der Europäische Kommission, GD Grow - Generaldirektion Binnenmarkt, Industrie, Unternehmertum und KMU, Brüssel/Wien/Mannheim (2018). Project lead: Christian Rammer (ZEW)
14. Die Rolle von verschiedenen Regulierungssystemen in Hinblick auf Investitionsanreize in Kommunikationsmärkten, Studie im Auftrag von Deutsche Telekom AG, Bonn/Mannheim/Turin (2017). Project lead: Wolfgang Briglauer (ZEW)
15. Metastudie zur Rolle des Breitband-Internets für Innovationen, Produktivität und Beschäftigung, Förderkreis Wissenschaft und Praxis

- am Zentrum für Europäische Wirtschaftsforschung e.V., Mannheim (2016). Project lead: Thomas Niebel (ZEW)
16. Fachdialog Ordnungsrahmen für die digitale Wirtschaft, Studie im Auftrag des Bundesministeriums für Wirtschaft und Energie, Berlin/Bonn (2015-2017). Project lead: Thomas Fetzer (U Mannheim)
 17. Innovationspolitik in Deutschland: Maßnahmen für mehr Innovationen im Zeitalter der Digitalisierung, Studie im Auftrag von SAP SE, Walldorf (2015-2016). Project lead: Jörg Ohnemus (ZEW)
 18. The Future of Broadband Policy: Public Targets and Private Investments Chapter 3: Ultra-fast broadband adoption, study commissioned by EUI/Florence School of Regulation (FSR), Florence/Mannheim (2015). Project lead: Pier Luigi Parcu (EUI/FSR)
 19. Ex-Post Evaluation of the Impact of Restructuring Aid Decisions on the Viability of Aided (Non-financial) Firms, commissioned by European Commission, Directorate General for Competition, Brussels (2015). Project lead: Michael Böheim/Douglas Thompson (WIFO/SPI)
 20. Determinants of high-speed broadband take-up and the impact of mobile internet on firm productivity and innovation, ZEW Mannheim/Thomas Fetzer (U Mannheim), commissioned by state of Baden-Württemberg, Stuttgart (2015). Project lead: Wolfgang Briglauer (ZEW)
 21. Regulierung und Investitionen in neue Kommunikationsinfrastrukturen, ZEW-discussion paper co-financed by Deutsche Telekom AG, Bonn/Mannheim (2014). Project lead: Wolfgang Briglauer (ZEW)
 22. Wirtschaftswissenschaftliche Replik auf die wirtschaftlichen Gutachten der RTR-GmbH für die Telekom-Control-Kommission im Verfahren M 1/12 (Festnetzterminierungsmärkte und betreiberindividuelle Anrufzustellung in Mobilfunknetzen), report for A1 Telekom Austria AG, Vienna (2012). Project lead: Wolfgang Briglauer (WU)
 23. Market Definition and Dominance Designation - Final Notice and Orders, report for SBR Juconomy Consulting AG/ictQatar, Vienna/Düsseldorf/Doha (2010-2011). Project lead: Ernst O. Ruhle (SBR Juconomy Consulting AG)
 24. Wirtschaftliches Privatgutachten in den Verfahren M 1-2/09 sowie M 10/09 (Festnetzendkundenmärkte) betreffend Fazit effektiver Wettbewerb und Regulierungsinstrumente, report for RTR-GmbH, Vienna (2009). Project lead: Wolfgang Briglauer (RTR)

Editorships & refereeing

1. Co-editor: Review of Network Economics (2016-2019)
2. Special Issue Guest Editor (with Joe Rowsell): The Impact of Modern Broadband Networks on Energy Consumption and CO2 emissions, Telecommunications Policy, (2024), forthcoming
3. Special Issue Guest Editor: Recent Net Neutrality Policies in Europe and the U.S., Review of Network Economics, (2019), Vol. 17(3)
4. Special Issue Guest Editor (with Klaus Gugler): Regulatory approaches and investment in new communications infrastructure, Telecommunications Policy, (2013) Vol. 37(10)
5. Refereeing: International Journal of Industrial Organization; Economics of Innovation and Technology, Telecommunications Policy; Information Economics and Policy; Journal of Business and Industrial Economics; The B.E. Journal of Economic Analysis and Policy; Journal of Regulatory Economics; Review of Network Economics

Research affiliations

1. University of Passau, Chair of Internet and Telecommunications Business, Passau, Germany (2020-)

Research stays

1. Weizenbaum Institut, Berlin, Germany (2020; 2021)
2. ESMT, Berlin, Germany (2015)
3. Boston University, Economics Department, U.S. (2014)

Memberships

1. FTTH Council Europe (2010-2016)
2. ITS – International Telecommunications Society (member of program committee since 2011)
3. Münchner Kreis (2013-2018)
4. VfS – Verein für Socialpolitik (2016-2018)

Awards, fellowships & grants

1. WU (department of economics) publication award (2011, 2015, 2018-2023)
2. ZEW Mannheim (research department of digital economy) publication award (2018)
3. Doctoral research grants from the University of Linz (1998-2001)
4. WIFO junior fellowship program (1999)

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