

## **CURRICULUM VITAE**

**Dr. Stefan Behringer**

CITIZENSHIP: German

STATUS: Married

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### POSITIONS:

- 2017-           Lecturer, Department of Economics, Institut d'études politiques de Paris (SciencesPo)
- 2013-           Member of the Chair for Managerial Economics, University Duisburg-Essen.
- 2012-2013     Acting Professor of Economics, Wirtschaftstheorie II, Universität Heidelberg.
- 2010-2011     Acting Professor of Economics, Wirtschaftstheorie III, Universität Bonn.
- 2009-2010     Acting Professor of Economics, (Lehrstuhlvertreter), Mikroökonomie,  
Johannes Gutenberg-Universität Mainz.
- 2004-2009     Assistant Professor, interdisciplinary Project on Electronic Commerce and Internet  
Economics, Goethe Universität Frankfurt.

### GRADUATE STUDIES:

- 1998-2004     Doctorate „Essays in Applied Microeconomic Theory“ Universität Mannheim.
- 2000           Institut d'Economie Industrielle, IDEI , Université des Sciences Sociales Toulouse.
- 1996-1998     The London School of Economics and Political Science, London. M.Sc. Economics.
- 1995-1996     Universität Hamburg and Groupement de Recherche en Économie Quantitative d'Aix-  
Marseille (GREQAM) Université Aix-Marseille. MA. Law & Economics.

### UNDERGRADUATE STUDIES:

- 1992-1995     BA. Philosophy, Politics, & Economics, University of York, first class honours.

### PROFESSIONAL EXPERIENCE:

- 2015           Co-Chair Harvesting Stream, 13<sup>th</sup> Viennese Workshop on Optimal Control and Dynamic  
Games, Vienna. Lecturer at the International Summer School on Economic Growth and  
Governance of Natural Resources, Department of Optimal Control, Lomonosov Moscow  
State University.
- 2013           Organization of the International Workshop “Renewable resources, Sustainability, and  
Search”, Heidelberg, with DFG Grant for Cooperation with the Russian Federation.
- 2003-2004     Universität Mannheim, Economic Theory Chair, Coordinator for Mikroökonomie.
- 1998           The London School of Economics, Teacher Economics Summer School.
- 1997-1998     The London School of Economics, Suntory-Toyota Centre for Economics, STICERD.
- 1997-1998     Deutsche Morgan Grenfell, London.

## HONOURS and SCHOLARSHIPS:

2013	Cooperation Grant of DFG, Bonn with Russian Federation, with Thorsten Upmann.
2009	NET Institute Grant, New York with Lapo Filistrucchi.
1998-2001	Doctoral Scholarship of DFG, Bonn.
2000	Marie-Curie Fellowship of the European Community.
1996-1998	Graduate Studentship, The London School of Economics.
1998	Best Thesis Award, Universität Hamburg.
1993-1994	Scholarship from University of York.

## REFEREEING:

Canadian Journal of Economics, Economics Letters, The Economic Journal, The Manchester School, Theoretical Economics Letters, Journal of Industrial Economics, Journal of Public Economic Theory, International Journal of Industrial Organization, IASSA YSS Programme, Mathematical Modelling of Natural Phenomena, Review of Network Economics, and others. External PhD Referee: Olena Senyuta, CERGE Prague.

## PRESENTATIONS:

2017	Oligo Workshop Moscow, 1 <sup>st</sup> Scienvir International Conference Iasi, VfS Meeting Vienna.
2016	Paris School of Economics; EAERE Zurich; VII Workshop on Institutions, Individual Behaviour, and Economic Outcomes, Alghero, Workshop "Heterogeneous Dynamic Models of Economic Systems", Vienna.
2015	Paris Environmental and Energy Economics Seminar; GERAD Seminar HEC Montreal, Natural Resource Economics Seminar McGill University Montreal; MPI Bonn; French Symposium on Games, Paris; World Conference on Natural Resource Modelling 2015 Bordeaux; Viennese Workshop on Optimal Control and Dynamic Games, Vienna; International Workshop "Natural Resources, Environment, and Economic Growth, St. Petersburg, Russia; CERGE Seminar Prague.
2014	7 <sup>th</sup> ICT Conference at Paris Tech; 5 <sup>th</sup> GERAD Workshop "Game Theory in Energy, Resources, and the Environment", Saint-Nicolas la Chapelle; Workshop "Industrial Organization", Alberobello, LUISS Faculty Seminar, Rome; UECE Lisbon Meetings; Workshop "Antitrust for Platform and Network Markets", Paris-Nanterre.
2013	4 <sup>th</sup> SEARLE Conference on Internet Search and Innovation, Northwestern, Chicago. International Conference Mathematical Control Theory and Mechanics, Suzdal, Russia; SIRE Conference on "Finance and Commodities", St. Andrews, Scotland; International Workshop "Natural Resources, Environment, Urban Economics, International Trade, and Industrial Organization, St. Petersburg, Russia; Workshop "Heterogeneous Dynamic Models of Economic Systems", Vienna. Workshop "Renewable resources, Sustainability, and Search", Heidelberg; Sustainable Economic Development Seminar, Ecole Polytechnique, Paris.
2012	11 <sup>th</sup> Journées Louis-André Gérard-Varet, Marseille; CRESSE, Crete; EARIE, Rome; LERNA; "The Economics of Irreversible Choices", Bresica, IIASA Conference, Vienna; U Bielefeld; Ecole Polytechnique, Theory Thursdays.
2011	CEME/NSF Decentralization Conference, Ohio State University, University of Michigan; MPI Bonn; DICE Düsseldorf; Ecole Polytechnique, IO Seminar; Paris School of Economics, Paris; RWTH Aachen, VWL Forschungsseminar.
2010	CEME/NSF Decentralization Conference, University College Dublin; NET Institute Conference, NYU Stern, New York.
2009	5 <sup>th</sup> Conference on the Economics of the Software and Internet Industries, IDEI, Toulouse.
2008	6 <sup>th</sup> ZEW Conference: The Economics of Information, Mannheim.
2007	Econometric Society, Budapest; 5 <sup>th</sup> Workshop on Media Economics, Bologna.
2006	Competition Policy on Two-sided Markets, IDEI, Toulouse; Public Economic Theory, Hanoi; European Economic Association, Vienna; Econometric Society, Vienna.

## TEACHING:

- WS 2017 Game Theory, Institut d'études politiques de Paris (SciencesPo).  
WS 2012/13 Einführung in die Volkswirtschaftslehre (Bachelor), Seminars: Theory and Policy of Telecommunication Industries, Incentives in Public Decision Making, Antitrust and Regulation and Asymmetric Information (Master) Universität Heidelberg.  
SS 2012 Industrieökonomie, (Bachelor), Game Theory, (Master) Universität Heidelberg.  
WS 2010/11 Mikroökonomik A, Universität Bonn.  
WS 2009/10 Mikroökonomie II, Industrieökonomie, (Bachelor) Mikroökonomie III, Game Theory and Applications, (Diploma/Master) Universität Mainz.  
Seminar: Theory and Policy of Telecommunication Industries.  
SS 2009 Mikroökonomie I, (Bachelor) Universität Mainz.  
WS 2004/05 TA for Game Theory, Seminar on Two-sided Markets (Master), Universität Frankfurt.

Detailed teaching evaluations and references are available on demand.

## PUBLICATIONS:

- Anita, S., Behringer, S., Mosneagu, A.-M., & Upmann, T. (2017): "Cournotian Dynamics of Spatially Distributed Renewable Resources", *arXiv:1706.05930 [math.OC]*, <http://arxiv.org/abs/1706.05930>.
- Baranes, E., Behringer, S. & Poudou, J.-C. (2017): "Mobile Access Charges and Collusion under Asymmetry", *Annals of Economics and Statistics / Annales de l'INSEE*, No. 125/127 June, p.X-X.
- Arbex, M., Behringer, S. & Trudeau, C. (2017): "Optimal tax policy under heterogeneous environmental preferences", *Economics Letters*, 157, p.79-82.
- Behringer, S. & Belyakov, A. (2016): "A Survey on Maintenance, Replacement, and Chains of Machines in Management", International Young Scientists School "Modelling and Optimization of Complex Systems", *Mat. Inst. Steklova*, p. 17-23.
- Behringer, S. (2016): "Product Repositioning in the UK Newspaper Industry", *Theoretical Economics Letters*, Vol. 6, p.986-999. DOI: 10.4236/tel.2016.65099
- Behringer, S. & Filistrucchi, L. (2015): "Areeda-Turner in Two-Sided Markets", *Review of Industrial Organization*, Vol. 46, p.287-306.
- Behringer, S. & Filistrucchi, L. (2015): "Hotelling Competition and Differentiation with more than two Newspapers", *Information Economics and Policy*, Vol. 30, p.36-49.
- Behringer, S. (2014): "Price Competition between Platforms: The Case of eBay vs. Yahoo! Auctions", in *The Analysis of Competition Policy and Sectoral Regulation*, CRESSE, eds. Peitz, M. and Spiegel, Y. World Scientific.
- Behringer, S. & Upmann, T. (2014): "Optimal Harvesting of a Spatial Renewable Resource", *Journal of Economic Dynamics and Control*, Vol. 42, p.105-120.
- Behringer, S. (2013): "Network Effects, Spillovers, and Market Structure", *The Manchester School*, Vol. 82, No. 2, p.143-159.
- Behringer, S. (2012): "Asymmetric Equilibria and Competitive Access Pricing in the Telecommunication Industry", *Int. J. Management and Network Economics*, Vol. 2, No.3, p.257-281.
- Behringer, S. (2009): "Entry, access pricing, and welfare in the telecommunications industry", *Economics Letters*, 101, p.185-188.

WORK IN PROGRESS:

**Optimal Traverses in Spatial Resource Harvesting.** (With Thorsten Upmann, University of Bielefeld). In standard models of spatial harvesting, the resource is distributed over the complete domain and the agent is able to control the harvesting activity everywhere all the time. In some case, though, it is more realistic to assume that the resource is located at a single point in space and that the agent is required to travel there in order to be able to harvest. The agent then faces a combined travelling-harvesting problem. We investigate this type of a two-stage optimal control problem and illuminate the interdependencies between the solution of travelling and that of the harvesting sub-problem. In particular, bounds on either control—i. e. on the acceleration respectively on the harvesting capacity — significantly affect the policies in both sub-problems. Since the model is parsimoniously parameterised, we are able to characterise the optimal policy of the complete travelling-harvesting problem analytically. .

**Direct Provision of a Public Good with Many Agents.** The literature on the private provision of public goods suggests a proportional relationship between incentives to free-ride and group size. However recent empirical research and casual observation of modern information technologies suggests otherwise. This paper purports a solution to the apparent paradox within a mechanism design framework tailored to modular developments within these technologies and provides a positive limit result as the number of agents gets large.

**Public Good Provision with Many Agents and a  $k_n$ -Success Technology.** (With Yukio Koriyama, Ecole Polytechnique). In this paper, we consider a class of public good provision problems in which the production function takes the form of  $k_n$ -success technology, an extension of the direct provision technology considered in Behringer (2013). These models are suitable to describe the free-rider problems in which there are a large number of agents who are both users and beneficiaries of a public good at the same time, e.g. open-source software or social networks. We provide results on asymptotic efficiency which connect a negative result of Mailath and Postlewaite (1990) and a positive result of Hellwig (2003), as well as a set of simple examples which allow us welfare comparisons with the standard technologies.

**Price Wars in Two-Sided Markets: The case of the UK Quality Newspaper Industry** (joint with Lapo Filistrucchi, Tilburg University). This paper investigates the price war in the UK quality newspaper industry in the 1990s. We show that the empirical evidence is in accordance with a substantial change in the optimal finance mix of newspapers as advertising becomes the dominant source of newspaper revenue. The evidence brought forward at the time is not sufficient to establish a case of predatory pricing as it has neglected the critical two-sidedness of firms and necessitates further study.

Frankfurt am Main, 16.8.2017



Stefan Behringer