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POSITIONS

09/2012 – present Senior Research Associate, Department of Economics, **University of Zurich**, Switzerland.
10/2010 – 08/2012 Visiting Scholar, Stanford Institute for Economic Policy Research (SIEPR) and Department of Economics, **Stanford University**, USA.
04/2009 – 08/2010 Post Doc Researcher, **ETH Zurich**, Switzerland.
01/2006 – 03/2009 Ph.D. Researcher, **ETH Zurich**, Switzerland.

EDUCATION

02/2013 – 02/2015 Advanced Studies in Applied Statistics, Seminar for Statistics, **ETH Zurich**, Switzerland.
01/2006 – 03/2009 Ph.D. Economics (awarded the ZURICH Dissertation Prize), **ETH Zurich**, Switzerland.
10/2008 – 10/2010 M.A. Economics (with honors, awarded thesis prize), **University of Zurich**, Switzerland.
10/1999 – 06/2005 M.Sc. Theoretical, Numerical and Mathematical Physics (with honors), **Technical University Vienna**, Austria, Thesis at **Max-Planck-Institute** for Plasmaphysics, Munich, Germany.
09/1998 – 06/1999 Military Service (compulsory in Austria).
06/1998 Matura, Bundesgymnasium Feldkirch, Austria.

PUBLICATIONS

PEER-REVIEWED ARTICLES

1. Networks and Conflicts: Theory and Evidence from Rebel Groups in Africa, Michael D. König, Dominic Rohner, Mathias Thoening and Fabrizio Zilibotti, *Econometrica*, 85(4):1093–1132.
2. Innovation vs. Imitation and the Evolution of Productivity Distributions, Michael D. König, Jan Lorenz and Fabrizio Zilibotti, *Theoretical Economics*, 11:1053–1102, 2016.
3. The Formation of Networks with Local Spillovers and Limited Observability, Michael D. König, *Theoretical Economics*, 11:813–863, 2016.¹
4. Nestedness in Networks: A Theoretical Model and Some Applications, Michael D. König, Claudio J. Tessone and Yves Zenou, *Theoretical Economics*, 9:695–752, 2014.
5. Recombinant Knowledge and the Evolution of Innovation Networks, Michael D. König, Stefano Battiston, Mauro Napoletano and Frank Schweitzer, *Journal of Economic Behavior and Organization*, 79(3):145–164, 2011.²
6. The Efficiency and Stability of R&D Networks, Michael D. König, Stefano Battiston, Mauro Napoletano and Frank Schweitzer, *Games and Economic Behavior*, 75(2):694–713, 2011.³
7. Network Evolution Based on Centrality, Michael D. König and Claudio J. Tessone, *Physical Review E*, E 84, 056108, 2011.
8. From Assortative to Dissortative Networks: The Role of Capacity Constraints, Michael D. König, Claudio J. Tessone and Yves Zenou, *Advances in Complex Systems*, 13(4):483–499, 2010.
9. On Algebraic Graph Theory and the Dynamics of Innovation Networks, Michael D. König, Stefano Battiston, Mauro Napoletano and Frank Schweitzer, *Networks and Heterogeneous Media*, 3(2):201–219, 2008.

¹Response in the media: Die Zeit Online, 24.5.2012, Nr. 22; Wirtschaftswoche Online, 5.6.2012.

²Among the most read articles in the *Journal of Economic Behavior & Organization* (date: Dec. 2011).

³Among the most downloaded articles over a 90 days period in *Games and Economic Behavior* (date: April 2017).

BOOK

10. Networks in Economics: Theory, Econometrics and Policy Implications, Chih-Sheng Hsie, Michael D. König and Xiaodong Liu, Elsevier and North Holland, Economics and Econometrics Series, to appear in 2021.

BOOK CONTRIBUTIONS

11. Modelling Evolving Innovation Networks, Michael D. König, Stefano Battiston and Frank Schweitzer, in *Innovation Networks – New Approaches in Modelling and Analyzing*, Springer, 2008.
12. From Graph Theory to Models of Economic Networks. A Tutorial., Michael D. König and Stefano Battiston, in *Networks, Topology and Dynamics, Theory and Applications to Economics and Social Systems*, Series: *Lecture Notes in Economics and Mathematical Systems*, Vol. 613, Springer, 2008.

OTHER PERTINENT PUBLICATIONS

13. Fragmented Civil Wars, Michael D. König, Dominic Rohner, Mathias Thoenig and Fabrizio Zilibotti, *VoxDev*, 2017 (<http://voxdev.org/>).
14. Distance to Frontier, Productivity Distribution and Travelling Waves, Michael D. König, Jan Lorenz and Fabrizio Zilibotti, *VOX*, 2015 (<http://www.voxeu.org/>).
15. Schumpeters Vermächtnis: Natürliche Konzentration in F&E-Netzwerken, Michael D. König, *Ökonomenstimme*, 2011 (<http://www.oekonomenstimme.org>).

SUBMITTED PAPERS

16. R&D Networks: Theory, Empirics and Policy Implications, Michael D. König, Xiaodong Liu and Yves Zenou, CEPR Discussion Paper No. 9872, 2013, revise and resubmit to the *Review of Economics and Statistics*.
17. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, Chih-Sheng Hsie, Michael D. König and Xiaodong Liu, University of Zurich, Department of Economics Working Paper No. 109, 2013, *submitted*.
18. Endogenous Technology Cycles in Dynamic R&D Networks, Michael D. König and Tim Rogers, University of Zurich, Department of Economics Working Paper No. 178, 2014, *submitted*.
19. Coauthorship Networks and Research Output, Chih-Sheng Hsie, Michael D. König, Xiaodong Liu and Christian Zimmermann, University of Zurich, Department of Economics Working Paper No. 203, 2015, *submitted*.

INVITED TALKS

1. Endogenous Production Networks, **IMT School for Advanced Studies**, May 9, 2018, Lucca, Italy.
2. Discussant in Session on “Structural Estimation of Network Formation Models” at the **Econometric Society Winter Meeting**, Philadelphia, January 5-7, 2018, USA.
3. Coauthorship Networks and Research Output, Complexity in Economics Seminar Series at the Tinbergen Institute Amsterdam, **University of Amsterdam**, October 25, 2017, Amsterdam, Netherlands.
4. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, Research Seminar, **University of Konstanz**, July 18, 2017, Konstanz, Germany.
5. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, Research Seminar, **Ecole Polytechnique Fédérale de Lausanne (EPFL)**, May 19, 2017, Lausanne, Switzerland.
6. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, Workshop on Networks: Dynamics, information, centrality, and games, at Centre d’Economie de la **Sorbonne**, May 17, Paris, France.
7. Endogenous Technology Cycles in Dynamic R&D Networks, Research Seminar, **Bocconi University**, March 7, 2017, Milan, Italy.
8. Endogenous Production Networks, Workshop on Evolving Networks and Collective Behavior: Analysis, Algorithms and Applications, Yau Mathematical Sciences Center, **Tsinghua University**, 9–13 January 2017, Sanya, China.
9. R&D Networks: Theory, Empirics and Policy Implications, NBER Summer Institute’s Productivity/Innovation Meeting, July 19-20, 2016, **Massachusetts Institute of Technology (MIT)**, Cambridge, USA.
10. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, Networks and Collective Behaviour Seminar Series, **University of Bath**, April 14, 2016, Bath, UK.

11. Technology Cycles in Dynamic R&D Networks, Workshop on “Dynamical Networks and Applications”, **University of Bath**, July 6-8, 2015, Bath, UK.
12. Network Formation with Local Complements and Global Substitutes: The Case of R&D Networks, **Austrian National Bank (OENB)**, June 19., 2015, Vienna, Austria.
13. R&D Networks: Theory, Empirics and Policy Implications, CEPR Workshop: Moving to the Innovation Frontier, January 19-20, 2015, **Institute for Advanced Studies**, Vienna, Austria.
14. Network Formation with Local Complements and Global Substitutes, CORE, **Université Catholique de Louvain**, Workshop on Networks in Economics and Finance, December 2, 2014, Louvain-la-Neuve, Belgium.
15. Networks and Conflicts: Theory and Evidence from Rebel Groups in Africa, Department of Economics, **University of Stockholm**, 2. June, 2014, Stockholm, Sweden.
16. R&D Networks and Industrial Strategy, **Institute for the Study of Labor (IZA)**, Workshop on Social Networks, 28./29. June, 2013, Bonn, Germany.
17. R&D Networks and Industrial Strategy, Department of Economics, **University of Utrecht**, 18. June, 2013, Utrecht, Netherlands.
18. Optimal R&D Policies in Firm Alliance Networks, Department of Economics, **University of Stockholm**, 15. January, 2013, Stockholm, Sweden.
19. The Formation of Networks with Local Spillovers and Limited Observability, Haas School of Business, **Berkeley University**, 2. May, 2012, Berkeley, USA.
20. Innovation vs. Imitation and the Evolution of Productivity Distributions, Graduate School of Business, **Stanford University**, 28. April, 2012, Stanford, USA.
21. The Formation of Networks with Local Spillovers and Limited Observability, Department of Economics, **University of Cambridge**, 1. February, 2012, Cambridge, UK.
22. Dynamic R&D Networks, Department of Economics, **University of Bielefeld**, 6. September, 2011, Bielefeld, Germany.
23. Centrality Based Network Formation with Boundedly Rational Agents, Seminar Series: Arbeitsgemeinschaft Biomathematik, 18. May 2010, Faculty of Mathematics, **University of Vienna**, Austria.
24. A Dynamic Model of Network Formation with Strategic Interactions, HSC Video Conference, 21. September, 2009, **University of Southern California**, San Diego, CA, USA.
25. Games of Dynamic Network Formation, **Research Institute of Industrial Economics (IFN)**, 24. March, 2009, Stockholm, Sweden.
26. From Graph Theory to Innovation Networks, **Groupement de Recherche en Economie Quantitative d’Aix-Marseille (GREQAM)**, Summer School 2008, The Economics of Knowledge: Innovation and Networks, 14.–17. October, 2008, Aix–en Provence, France.
27. Algebraic Graph Theory and the Dynamics of Innovation Networks, Complex Systems Research Group, Research Seminar, **University of Vienna**, 21. December 2007, Vienna, Austria.
28. Microeconomic Agent Model of Innovation Networks, 1st International Conference on Economic Sciences with Heterogeneous Interacting Agents, 15. June 2006, **University of Bologna**, Italy.
29. Network Models in Economics, Nonlinear Dynamics, Structure Formation and Self–Organization, Guest Lecture, 9. May 2006, **ETH Zurich**, Switzerland.
30. A Catalytic Growth Model – Prototype for Innovation Networks?, Exsistence Topical Workshop, Innovation Networks – New Approaches in Modeling and Analyzing, **University of Augsburg**, October 12. 2005, Augsburg, Germany.

ORGANIZATION OF WORKSHOPS

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| 09/01/17 – 13/01/17 | Workshop on “Evolving Networks and Collective Behavior: Analysis, Algorithms and Applications”, Yau Mathematical Sciences Center, Tsinghua University, Sanya, China. |
| 01/12/14 – 02/12/14 | Workshop on “Network Theory and its Applications in Economics and Finance” at CORE (Université Catholique de Louvain) in Louvain-la-Neuve, Belgium. |
| 04/06/14 – 05/06/14 | Co-organizer (with Xiaodong Liu) of workshop on “Topics in Spatial Econometrics with Applications to Social & Economic Networks”, University of Zurich. |
| 14/10/08 – 17/10/08 | GREQAM Summer School 2008, workshop on “The Economics of Knowledge: Innovation and Networks”, Aix-en Provence, France. |
| 17/09/07 – 22/09/07 | “Modeling Dynamic Social & Economic Networks”, workshop at the researcher summer school of the Society for Economic Science with Heterogeneous Interacting Agents (ESHIA), Agelonde, La Londe les Maures, Var, France. |

TEACHING EXPERIENCE

1. An Introduction to Social and Economic Networks, **University of Zurich**, Spring Term 2017.
2. Research Seminar in Advanced Macroeconomics, **University of Zurich**, Spring/Fall Term 2012 – 2017.
3. Political Economics, Graduate Course, **University of Zurich**, Spring Terms 2013, 2014.
4. Complex Adaptive Systems, Graduate Course, **ETH Zurich**, Summer Term 2007.
5. Nonlinear Dynamics, Structure Formation and Selforganization, Graduate Course, **ETH Zurich**, Spring Term 2006.
6. Dynamics of Companies, Graduate Course, **ETH Zurich**, Winter Term 2005.

REFEREE EXPERIENCE

Econometrica, Theoretical Economics, Games and Economic Behavior, Journal of the European Economic Association, The RAND Journal of Economics, Journal of Development Economics, Journal of Economic Dynamics and Control, The B.E. Journal of Theoretical Economics, Canadian Journal of Economics, Journal of Public Economic Theory, Journal of Evolutionary Economics, Journal of Economic Behavior and Organization, Regional Science and Urban Economics, Computational Economics, PLoS ONE, Structure and Dynamics: eJournal of Anthropological and Related Sciences, New Journal of Physics, Organization Science, DRUID, Computational and Mathematical Organization Theory, Academy of Management, Mathematical Social Sciences, Review of Network Economics, The Journal of Mathematical Sociology, International Journal of Game Theory, Bulletin of Economic Research, International Economic Review, Journal of Economics & Management Strategy, Economic Theory, Journal of Urban Economics, Journal of Mathematical Economics, International Journal of Industrial Organization, Industrial and Corporate Change, Scandinavian Journal of Economics, European Economic Review.

SELECTED GRANTS AND AWARDS

SNSF Ambizione Grant (09/2015–09/2018, CHF 328,446), Swiss National Science Foundation (SNSF) Project Grant (09/2012–09/2015, CHF 280,000), SNSF Fellowship (09/2010–09/2011, CHF 58,000), Marie Curie Fellowship (awarded, EUR 232,504), ZURICH Dissertation Prize 2009 (CHF 7,500), COST MP Grant, University of Zurich Thesis Prize (CHF 600), Austrian Federal Government Grant (EUR 400), EURATOM Mobility Support, Wilhelm–Else–Heraeus Scholarship.