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EDUCATION

Ph.D.	School:	Maastricht University, The Netherlands.
	Date:	January 1998
	Major:	Quantitative Economics
M.S.\B.A.	School:	Technical University of Aachen, Germany.
	Date:	February 1994
	Major:	Mathematics

UNIVERSITY POSITIONS

Full Professor, Department of Economics, HEC, University of Lausanne: 2009 – present.

NWO (Dutch Science Foundation) funded researcher : October 2006 – September 2011.

Associate Professor, Department of Economics, Maastricht University, Maastricht, The Netherlands: 2006 – present (since 2008 part-time).

Research Fellow, Harvard Business School, Harvard University, Cambridge, USA:
2008 – 2009.

Assistant Professor, Department of Economics, Maastricht University, Maastricht, The Netherlands: 2005 – 2006.

Ramòn y Cajal researcher, Department of Economics, Universitat Autònoma de Barcelona, Barcelona, Spain: 2002 – 2004.

Assistant Professor, Department of Economics and Department of Agricultural Economics, University of Nebraska, Lincoln, USA: 1998 – 2002.

PUBLICATIONS

Articles in Refereed Journals

1. B. Klaus, O. Bochet, and M. Walzl (2010): "A Dynamic Recontracting Process for Multiple-Type Housing Markets," *Journal of Mathematical Economics*, forthcoming.
2. B. Klaus and O. Bochet (2010): "The Relation between Monotonicity and Strategy-Proofness," *Social Choice and Welfare*, accepted subject to minor revision.
3. B. Klaus (2010): "Competition and Resource Sensitivity in Marriage and Roommates Markets," *Games and Economic Behavior*, forthcoming.
4. B. Klaus, F. Klijn, and M. Walzl (2010): "Stochastic Stability for Roommate Markets," *Journal of Economic Theory*, in press.
5. B. Klaus, F. Klijn, and M. Walzl (2010): "Farsighted Stability for Housing Markets," *Journal of Mathematical Economics*, in press.
6. L. Ehlers and B. Klaus (2010): "Corrigendum to "Resource-Monotonicity for House Allocation Problems",," *International Journal of Game Theory*, in press.
7. B. Klaus and F. Klijn (2010): "Smith and Rawls Share a Room: Stability and Medians," *Social Choice and Welfare*, in press.
8. C.-J. Haake and B. Klaus (2010): "Stability and Nash Implementation in Matching Markets with Couples," *Theory and Decision*, in press.
9. B. Klaus and A. Nichifor (2010): "Consistency for One-Sided Assignment Problems," *Social Choice and Welfare*, 35, 415-433.
10. B. Klaus (2010): "The Role of Replication-Invariance: Two Answers Concerning the Problem of Fair Division when Preferences are Single-Peaked," *The B.E. Journal of Theoretical Economics: Contributions*, 10(1), Article 14.
11. B. Klaus and F. Klijn (2009): "Employment by Lotto Revisited," *International Game Theory Review*, 11, 181-198.
12. C.-J. Haake and B. Klaus (2009): "Monotonicity and Nash Implementation in Matching Markets with Contracts," *Economic Theory*, 41, 393-410.
13. B. Klaus (2009): "'Fair Marriages: "An Impossibility," *Economics Letters*, 105, 74-75.
14. B. Klaus, F. Klijn, and T. Nakamura (2009): "Corrigendum: Stable Matchings and Preferences of Couples," *Journal of Economic Theory*, 144, 2227-2233.
15. B. Klaus and M. Walzl (2009): "Stable Many-to-Many Matchings with Contracts," *Journal of Mathematical Economics*, 45, 422-434.
16. B. Klaus (2008): "The Coordinate-Wise Core for Multiple-Type Housing Markets is Second Best Incentive Compatible," *Journal of Mathematical Economics*, 44, 919-924.
17. B. Klaus, F. Klijn, and J. Masso (2007): "Some Things Couples always wanted to know about Stable Matchings (but were afraid to ask)," *Review of Economic Design*, 11, 175-184.
18. B. Klaus and F. Klijn (2007): "Fair and Efficient Student Placement with Couples," *International Journal of Game Theory*, 36(2), 177-207.
19. B. Klaus and F. Klijn (2007): "Paths to Stability for Matching Markets with Couples," *Games and Economic Behavior*, 58, 154-171.

20. B. Klaus and F. Klijn (2007): "Corrigendum to "On Randomized Matching Mechanisms" [Economic Theory 8(1996)377-381]," *Economic Theory*, 32, 411-416.
21. L. Ehlers and B. Klaus (2007): "Consistent House Allocation," *Economic Theory*, 30, 561-574.
22. M. Atlamaz and B. Klaus (2007): "Endowment Strategy-Proofness in an Exchange Market with Indivisible Goods," *Social Choice and Welfare*, 28(1), 1-18.
23. L. Ehlers and B. Klaus (2006): "Efficient Priority Rules," *Games and Economic Behavior*, 55(2), 372-384.
24. B. Klaus and F. Klijn (2006): "Procedurally Fair and Stable Matching," *Economic Theory*, 27(2), 431-447.
25. B. Klaus and F. Klijn (2006): "Median Stable Matching for College Admission," *International Journal of Game Theory*, 34(1), 1-11.
26. B. Klaus (2006): "A Note on the Separability Principle in Economies with Single-Peaked Preferences," *Social Choice and Welfare*, 26(2), 255-261.
27. B. Klaus, D. Dimitrov, and C.-J. Haake (2006): "Bundling in Exchange Markets with Indivisible Goods," *Economics Letters*, 93, 106-110.
28. B. Klaus and F. Klijn (2005): "Stable Matchings and Preferences of Couples," *Journal of Economic Theory*, 121(1), 75-106.
29. L. Ehlers and B. Klaus (2004): "Resource-Monotonicity for House Allocation Problems," *International Journal of Game Theory* 32(4), 545-560 (August 2004).
30. L. Ehlers and B. Klaus (2003): "Probabilistic Assignments of Identical Indivisible Objects and Probabilistic Uniform Rules," *Review of Economic Design* 8(3), 249-268.
31. L. Ehlers and B. Klaus (2003): "Coalitional Strategy-Proofness, Resource-Monotonicity, and Separability for Multiple Assignment Problems," *Social Choice and Welfare* 21(2), 265-280.
32. L. Ehlers, B. Klaus, and S. Pápai (2002): "Strategy-Proofness and Population-Monotonicity for House Allocation Problems," *Journal of Mathematical Economics* 38(3), 329-339.
33. R. Supalla, B. Klaus, O. Yeboa, and R. Bruins (2002): "A Game Theory Approach to Deciding Who Will Supply Instream Flow Water," *Journal of the American Water Resources Association* 38(4), August 2002, 959-966.
34. B. Klaus and T. Storcken (2002): "Choice Correspondences for Public Goods," *Social Choice and Welfare* 19(1), 127-154.
35. B. Klaus and E. Miyagawa (2002): "Strategy-Proofness, Solidarity, and Consistency for Multiple Assignment Problems," *International Journal of Game Theory* 30(3), 421-435.
36. B. Klaus (2001): "Uniform Allocation and Reallocation Revisited," *Review of Economic Design* 6(1), 85-98.
37. B. Klaus (2001): "Coalitional Strategy-Proofness in Economies with Single-Dipped Preferences and the Assignment of an Indivisible Object," *Games and Economic Behavior* 34(1), 64-82.
38. B. Klaus (2001): "Population-Monotonicity and Separability for Economies with Single-Dipped Preferences and the Assignment of an Indivisible Object," *Economic Theory* 17(3), 675-692.

39. L. Ehlers and B. Klaus (2001): "Solidarity and Probabilistic Target Rules," *Journal of Public Economic Theory* 3(2), 167-184.
40. B. Klaus (2001): "Target Rules for Public Choice Economies on Tree Networks and in Euclidean Spaces," *Theory and Decision* 51(1), 13-29.
41. B. Klaus, H. Peters, and T. Storcken (1998): "Strategy-Proof Division with Single-Peaked Preferences and Individual Endowments," *Social Choice and Welfare* 15(2), 297-311.
42. B. Klaus, H. Peters, and T. Storcken (1997): "Strategy-Proof Division of a Private Good when Preferences are Single-Dipped," *Economics Letters* 55(3), 339-346.
43. B. Klaus, H. Peters, and T. Storcken (1997): "Reallocation of an Infinitely Divisible Good," *Economic Theory* 10(2), 305-333.

Articles in Conference Proceedings and Books

1. R. J. Supalla, O. Yeboah, B. Klaus, J.C. Allen, D.E. Jelinski, V.B. Serveiss, and R.J.F. Bruins (2004): "Seeking Solutions for an Interstate Conflict over Water and Endangered Species: Platte River Watershed," In: *Economics and Ecological Risk Assessment: Applications to Watershed Management*, CRC Press.
2. R. J. Supalla, O. Yeboah, B. Klaus, J.C. Allen, and R.J.F. Bruins (2000): "Game Theory as a Watershed Management Tool: A Case Study of the Middle Platte Ecosystem," Symposium Proceedings *Integrated Decision-Making for Watershed Management Symposium: Processes and Tools*, Virginia Polytechnic Institute and State University Publisher, Blacksburg Virginia, Publication VWRRC7-2001, pages 796-811.
3. B. Klaus (1999): "Status Quo Solutions for Public Choice Economies on Tree Networks and in Euclidean Spaces," In: *Logic, Game Theory and Social Choice: Proceedings of the International Conference LGS'99*, ed. Harrie de Swart, Tilburg University Press, 214-225.
4. B. Klaus, H. Peters, and T. Storcken (1998): "Strategy-Proof Reallocation of an Infinitely Divisible Good," In: *Charlemagne and the Liberal Arts: 1200 Years of Civilization and Science in Europe*, Volume 2: Mathematical Arts, eds. P.L. Butzer, H.Th. Jongen, W. Oberschelp, Aachen: Brepols Verlag, 455-470.
5. B. Klaus and H. Peters (1998): "Maastricht in Science from Minckelers to Debye: Some Historical Notes," In: *Charlemagne and the Liberal Arts: 1200 Years of Civilization and Science in Europe*, Volume 2: Mathematical Arts, eds. P.L. Butzer, H.Th. Jongen, W. Oberschelp, Aachen: Brepols Verlag, 91-106.
6. B. Klaus (1997): "The Characterization of the Uniform Reallocation Rule without Pareto Optimality," *Game Theoretical Applications to Economics and Operations Research*, eds. T. Parthasarathy, B. Dutta, J.A.M. Potters, T.E.S. Raghavan, D. Ray, and A. Sen, Dordrecht, Kluwer-Academic Publishers, 239-255.

Other Publications

1. B. Klaus (1998): "Fair Allocation and Reallocation: An Axiomatic Study," Ph.D. Thesis Maastricht University, Unigraphic, Maastricht, The Netherlands (ISBN 90-5681-027-8).

2. B. Klaus (2010): "Matching and the Allocation of Indivisible Objects Via Deferred Acceptance under Responsive Preferences," AENORM, vol. 18 (67) June 2010.

WORKING PAPERS and WORK IN PROGRESS

1. B. Can and B. Klaus (2010): "Consistency and Population Sensitivity Properties for Roommate Markets," work in progress.
2. I. Ashlagi, E. Karagozoglou, and B. Klaus (2008): "A Noncooperative Support for Equal Division in Estate Division Problems," Harvard Business School Working Paper, #09-69 (revise and resubmit).
3. B. Klaus, F. Klijn, and M. Walzl (2009): "Farsighted Stability for Roommate Markets," Harvard Business School Working Paper # 09-135 (resubmitted June 2010).
4. L. Ehlers and B. Klaus (2009): "Allocation via Deferred Acceptance," CIREC Cahier 17-2009 (submitted May 2010).

REVIEW SERVICES

Refereeing for the Following Academic Journals or Scientific Institutions

American Economic Review, American Mathematical Monthly, Discrete Applied Mathematics, Econometrica, Economic Bulletin, Economics Letters, Economic Theory, European Economic Review, Games and Economic Behavior, International Game Theory Review, International Journal of Business and Economics, International Journal of Game Theory, Journal of Economics, Journal of Economic Theory, Information Processing Letters, Journal of Public Economics, Journal of Public Economic Theory, Mathematical Social Sciences, Mathematics of Operations Research, National Science Foundation, Review of Economic Design, Social Choice and Welfare.

OTHER PROFESSIONAL ACTIVITIES

- Associate Editor for *Mathematical Social Sciences* (since 2007)
- Guest editor special issue of the *Journal of Public Economic Theory* (2010).
- Council Member of the *Society for Social Choice and Welfare* (2006-2011).
- Member of the Program Committee for the Meeting of the Society for Social Choice and Welfare (Moscow, 2010).
- Member of the Program Committee for the Society for Economic Design Conference on Economic Design (Maastricht, 2009).
- Member of the Scientific Committee for the Meeting of the Society for Social Choice and Welfare (Montreal, 2008).

- Principal investigator of the NWO (Netherlands Organisation for Scientific Research) VIDI project “How to Design Allocation and Matching Mechanisms?” October 2006 – September 2011: <http://www.personeel.unimaas.nl/b.klaus/>
- Workshops\Conferences Organized:
 - “Advances in Collective Choice,” April 29th 2006: <http://www.personeel.unimaas.nl/b.klaus/CCworkshop.htm>
 - Advances in Collective Choice, April 25th and 26th 2008: <http://www.personeel.unimaas.nl/b.klaus/CCworkshop08.htm>
 - Coalition Theory Network Conference “Matching, Coalitions, Networks, and Behavior,” January 2009: <http://www.personeel.unimaas.nl/r.ilkilic/CTN2009.htm>
- Local Organizer of the Coalition Theory Network (2005 - 2008): <http://www.personeel.unimaas.nl/b.klaus/CTN.html>
- Current Ph.D. students:
 - Frederic Payot (October 2005 – Fall 2010) industrial economics, economics of innovation, microeconomics <http://www.hec.unil.ch/people/fpayot/>
 - Emin Karagozoglu (December 2006 – Fall 2010) “Essays on Bargaining and Claims Problems,” has accepted an Assistant Professorship at Bilkent University (Economics), Turkey <http://www.personeel.unimaas.nl/e.karagozoglu/>.
 - Alexandru Nichifor (September 2007 -) VIDI project, matching and market design <http://www.nichifor.net/>
 - Burak Can (November 2007 -) mechanism design, social choice, <http://www.personeel.unimaas.nl/B.Can/>
- Professional Memberships:
 - Society for Social Choice and Welfare
 - Game Theory Society

SEMINAR/CONFERENCE PAPERS PRESENTED

Seminar Presentations (2010\2009 only)

2010:

1. Schumpeter Seminar, Berlin Doctoral Program in Economics & Management Science, Germany, (January 12th)
2. Hitotsubashi University, Tokyo, Japan, Department of Economics (March 25th)
3. Waseda University, Tokyo, Japan, Department of Economics (March 30th)
4. Technical University of Lisbon, Portugal, Department of Economics (April 16th)
5. University of Rochester, USA, Department of Economics (May 5th)
6. Maastricht University, The Netherlands, Department of Mathematics (June 9th)
7. Istanbul Bilgi University, Istanbul, Turkey, Murat Sertel Center for Advanced Economic Studies (June 22nd)

2009:

8. Rice University, USA, Department of Economics (April 2nd)
9. Brown University, USA, Department of Economics (April 20th)
10. Boston College, USA, Department of Economics (April 29th)
11. University of Nebraska-Lincoln, USA, Department of Agricultural Economics (May 1st)
12. University of Rochester, USA, Department of Economics (May 19th)
13. University of Lausanne, Switzerland, Department of Economics (October 20th)

Conference/Workshop Presentations (2010\2009 only)

2010:

1. IGTG Microeconomic Theory & Foundations of Economics Workshop, Lausanne, Switzerland, January 26.
2. Computational Foundations of Social Choice, Dagstuhl, Germany, March 7-12.
3. ERID Matching Conference, co-sponsored by the Wallis Institute, Duke University, Durham, USA, May 7 -9.
4. PET10 – Annual Conference of the Association for Public Economic Theory, Istanbul, Turkey, June 25-27.
5. COMSOC-2010, Third International Workshop on Computational Social Choice, Düsseldorf, Germany, September 14-16 (invited plenary talk).

2009:

6. 5th Spain, Italy, Netherlands Meeting on Game Theory (SING5), Amsterdam, The Netherlands, July 1-3 (invited plenary talk).
7. 6. Weihnachtstreffen deutscher Wirtschaftswissenschaftler im Ausland, Universität Heidelberg, Germany, December 20-22.

TEACHING

Spring 2010: University of Lausanne, Switzerland

- Game Theory
- Waseda University, Japan
- Recent Developments in Matching Theory (two lectures)

Fall 2009: University of Lausanne, Switzerland

- Advanced Microeconomics, Master course
- Microeconomics II

Courses taught in the past:

Maastricht University, The Netherlands

- Economic Design and Matching Theory (MPhil course)
- Design of Tax Systems
- Information, Justice and Political Process
- Public Economics
- Public Pricing
- Writing a Review

RWTH Aachen, Germany

- Game Theory Course (Two-Sided Matching module)
- Game Theory Seminar (various topics)

University of Bielefeld, Germany

- Two-Sided Matching Theory, Ph.D. minicourse (BiGSEM)

Universitat Autònoma de Barcelona, Spain

- Advanced Microeconomics II, Ph.D. course (IDEA)
- Social Choice, Ph.D. course: segment on Matching Theory (IDEA)
- Microeconomia II, undergraduate microeconomics course

University of Nebraska at Lincoln, USA

- Advanced Microeconomics I and II, Ph.D. course
- Intermediate Microeconomics

University of Rochester, USA

- Mathematical Economics, Ph.D. course

PH.D. EXAM COMMITTEES:

- Catherine Roux (2010, Université de Lausanne, Switzerland)
- Bram Driesen (2010 Universiteit Maastricht, The Netherlands)
- Elena Molis (2008, Universitat del Pais Vasco, Spain),
- Caroline Berden (2008, Universiteit Maastricht),
- Paolo Pin (2007, Università Ca' Foscari Venezia, Italy),
- Elena Grigorieva (2007, Universiteit Maastricht, The Netherlands),
- Stefan Maus (2004, Universiteit Maastricht, The Netherlands),
- Danilo Coelho (2004, Universitat Autònoma de Barcelona, Spain),
- Noemi Navarro (2003, Universidad Carlos II, Madrid, Spain),
- Lars Ehlers (2001, Universiteit Maastricht, The Netherlands).

MASTER'S THESIS SUPERVISION AND COMMITTEES:

- Ute Kremer (2008: RWTH Aachen, Germany),
- Michael Kurschilgen (2007: Maastricht University, The Netherlands),
- Conrad Schmidt-Bens (2006: Maastricht University, The Netherlands),
- Ivan Welters (2006: Maastricht University, The Netherlands),
- Marc Santugini Repiquet (2001: University of Nebraska at Lincoln, USA),
- Andrew Cusano (2001: University of Nebraska at Lincoln, USA),
- Chin Kiang Yong (2000: University of Nebraska at Lincoln, USA).

LANGUAGES:

Dutch (fluent), English (fluent), French (intermediate), German (native), Spanish (intermediate)

August 10th, 2010