



# HHL

LEIPZIG  
GRADUATE SCHOOL  
OF MANAGEMENT

## **PROF. DR. ARNIS VILKS**

### **Chairholder Chair of Microeconomics**

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Academic Building, room 365 (3rd floor)

### **ACADEMIC EDUCATION**

- 1990      *Habilitation in Economics*, University of Hamburg, Hamburg, Germany
- 1983      *Dr. rer. pol.*, University of Hamburg, (Faculty of Economics and Social Sciences), Hamburg, Germany
- 1980      *Diplom-Volkswirt*, University of Hamburg, Hamburg, Germany (Graduate Studies of Economics, Philosophy, Mathematics, and Political Science)

### **PROFESSIONAL EXPERIENCE**

- since 1995      *Professor of Economics*, HHL Leipzig Graduate School of Management, (Chair of Microeconomics), Leipzig, Germany
- 2013-2014      *Tandem Dean*, College of Business and Economics, Mekelle University, Mekelle, Ethiopia
- 2011/12      Sabbatical, University of Sierra Leone, (Fourah Bay College), Freetown, Sierra Leone, University of Monrovia, Liberia, and Universidade Jean Piaget de Cabo Verde, Praia, Cape Verde Islands
- 2010-2011      *Interim Dean*, HHL Leipzig Graduate School of Management, Leipzig, Germany
- 2008-2012      *Member of the Board*, Wittenberg Center for Global Ethics (WCGE), Lutherstadt Wittenberg, Germany
- 2007/8      Sabbatical, University of Waikato, (Waikato Management School), Hamilton, New Zealand, and Australian National University, (Research School for the Social Sciences), Canberra, Australia



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- 2005/6      *Sabbatical, University of Waikato, (Waikato Management School), Hamilton, New Zealand, and University of Cambridge, (Clare Hall College and Judge Business School), Cambridge, UK*
- 2002-2005      *Co-founder and Chairman of the Board, German-Chinese Center Leipzig (DCZL), Leipzig, Germany*
- 2000-2005      *Dean, HHL Leipzig Graduate School of Management, Leipzig, Germany*
- 1999-2000      *Visiting Scholar, Stanford University, (CSLI - Center for the Study of Language and Information), California, USA*
- 1994-95      *Professor of Economics, University of Latvia, (EuroFaculty), Riga, Latvia*
- 1993-94      *Visiting Fellow, Cambridge University, (Clare Hall College), Cambridge, UK*
- 1991      *Stand-in Professor, University of Cologne, (Department of Economics), Cologne, Germany*
- 1991      *Lecturer in Economics (Privatdozent), University of Hamburg, Hamburg, Germany*
- 1990      *Professor of Economics, University of Latvia, (EuroFaculty), Riga, Latvia*
- 1987-88      *Visiting Scholar, Cambridge University, (Faculty of Economics and Politics), Cambridge, UK*
- 1980-83      *Assistant Professor of Economics, University of Hamburg, (Institute of Statistics and Econometrics), Hamburg, Germany*

## **HONORS AND AWARDS**

- 2009      *International Teaching Award, Lanzhou University, China*
- 1991-1995      *Heisenberg Fellowship of the German Research Foundation (DFG)*



### **MEMBERSHIPS AND AFFILIATIONS**

- Life Member of Clare Hall, University of Cambridge
- Beta Gamma Sigma, President of HHL Chapter
- Senior Research Fellow, Wittenberg Center for Global Ethics (WCGE)
- Member of Verein fuer Socialpolitik
- Member of the International Network for Economic Method
- Member of the German-Chinese Center Leipzig (DCZL)

### **RESEARCH INTERESTS**

- Logical and philosophical foundations of economic theory; in particular foundations of mathematical economics
- The notions of rationality, utility, and happiness
- The weltanschauung of the Western world, its roots and effects in the global economy
- Development Economics



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## PUBLICATIONS

### MONOGRAPHS

- Vilks, Arnis. Meditationen über Gott und die Welt und das Geld. Versuch einer besseren Weltanschauung. Leipzig: Engelsdorfer Verlag, 2013
- Vilks, Arnis. Neoklassik, Gleichgewicht und Realität. Eine Untersuchung über die Grundlagen der Wirtschaftstheorie. Heidelberg: Physica-Verlag, 1991
- Vilks, Arnis. Aggregation und Kausalität im Modell des allgemeinen Konkurrenzgleichgewichts. Eine Untersuchung über den epistemologischen Status mikroökonomisch fundierter Makroökonomik. Göttingen: Vandenhoeck & Ruprecht, 1984

### Edited books

- Vilks, Arnis; Girma Tegene, Goitom Abera, Kibrom Aregawi (eds.), Loan and Investment in a Developing Economy: An Ethiopian Perspective. Cambridge: Cambridge Scholars Publishing 2017
- Vilks, Arnis; Priddat, Birger P. (eds.), Wissenschaftstheorie und Wirtschaftswirklichkeit, Marburg: Metropolis-Verlag 1998

### Articles in peer-reviewed journals and books

- Vilks, Arnis; The Inverse Invisible Hand and Heuristics in Managerial Decision-Making. In: Philosophy of Management (2017), DOI: 10.1007/s40926-017-0058-x
- Vilks, Arnis; Wuttke, Martina. Poverty alleviation through CSR in the Indian construction industry. In: Journal of Management Development, 33 (2014) 2, 119-130
- Vilks, Arnis; Kelly, Martin. Philosophical Lessons from the Global Crisis. In: Philosophy of Management, 11 (2012) 1, 1-4
- Vilks, Arnis. Axiomatization, Immunization, and Convention in Economics. In: Erasmus Journal for Philosophy and Economics (accepted, subject to revision)
- Vilks, Arnis; Kelly, Martin. Global Economic Difficulties. In: The International Journal of Interdisciplinary Social Sciences, (2009), 231-244
- Vilks, Arnis; Clausen, Thorsten. Evolutionäre Spieltheorie. In: wisu: das wirtschaftsstudium, 28 (1999) 10, 1386-1400
- Vilks, Arnis. Game Theory meets Formal Logic: Ein neuer Ansatz in der Spieltheorie. In: Homo Oeconomicus, 12 (1995) 1, 185-205
- Vilks, Arnis. On Mathematics and Mathematical Economics. In: Greek Economic Review, 17 (1995), 177-204



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- Vilks, Arnis. On Bonanno's Logic of Rational Play. In: *Economics and Philosophy*, 10 (1994), 107-113
- Vilks, Arnis. 'Empirical Content' and Formal Economic Theory. In: *Methodus*, 5 (1993) 1, 47-50
- Vilks, Arnis. A Set of Axioms for Neoclassical Economics and the Methodological Status of the Equilibrium Concept. In: *Economics and Philosophy*, 8 (1992), 51-82
- Vilks, Arnis. 'Empirischer Gehalt' und formale Wirtschaftstheorie. In: *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, 112 (1992), 587-606.
- Vilks, Arnis. On 'Metaphilosophy and Methodology in Economics'. In: *Methodus*, 3 (1991) 1, 90-94
- Vilks, Arnis. Approximate Aggregation of Excess Demand Functions. In: *Journal of Economic Theory*, 45 (1988) 2, 417-424
- Vilks, Arnis. Zur Klein-Nataf-Aggregation bei limitationalen Produktionsfunktionen. In: *Methods of Operations Research*, 48 (1984), 285-293

#### Book chapters

- Vilks, Arnis; Introduction. In: Vilks, Arnis; Girma Tegene, Goitom Abera, Kibrom Aregawi (eds.), *Loan and Investment in a Developing Economy: An Ethiopian Perspective*. Cambridge: Cambridge Scholars Publishing 2017, viii-x
- Vilks, Arnis; Kesting, Peter. Formalism. In: Davis, John B., ed. *The Elgar Companion to Economics and Philosophy*. Cheltenham (UK), 2004, 283-298
- Vilks, Arnis. Zum erkenntnistheoretischen Status formaler Modelle in der Wirtschaftswissenschaft. In: Bauer, Leonhard, ed. *Gesellschaft denken: Eine erkenntnistheoretische Standortbestimmung der Sozialwissenschaften*. Wien/New York: Springer-Verlag, 2002, 19-31
- Vilks, Arnis; Clausen, Thorsten. Backward Induction in General Belief Structures with and without Strategies, in: G. Bonanno, E. Colombatto, W. Van der Hoek (eds.), *Proceedings of the 4th Conference on Logic and the Foundations of Game and Decision Theory*, Torino 2000, 1-24.
- Vilks, Arnis. What is a Game? In: Bolle, Friedel, ed. *Advances in Behavioral Economics: Essays in Honor of Horst Todt*. Heidelberg: Physica-Verlag, 2001, 87-96
- Vilks, Arnis. A Logic for Changing Beliefs with Applications to Reasoning about Choice and Games. In: De Swart, Harrie, ed. *Logic, Game Theory and Social Choice*. Tilburg, 1999, 68-76
- Vilks, Arnis. On the Relation between Ordinary Language and Formal Theory. In: Rossini, R., ed. *Economics: Incommensurability and Translation*. Elgar: Aldershot-Verlag, 1999, 157-171
- Vilks, Arnis. Common sense, formale Modelle und Phantasie in der Wirtschaftswissenschaft. In: Priddat, Birger P.; Vilks, Arnis, eds.



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Wirtschaftswissenschaft und Wirtschaftswirklichkeit. Marburg: Metropolis-Verlag, 1998, 297-310

- Vilks, Arnis. Wirtschaftstheorie und betriebswirtschaftliches Studium. In: Meffert, Heribert; Gisholt, Odd, eds. Managementperspektiven und Managementausbildung: Festschrift für Dr. Dr. h. c. Ludwig Trippen. Leipzig, 1997
- Vilks, Arnis. Analysing Games by Sequences of Meta-Theories. In: Bacharach, M., ed. Epistemic Logic and the Theory of Games and Decisions. Dordrecht: Kluwer-Verlag, 1997, 265-292
- Vilks, Arnis. A Logic of Rational Play for Games of Perfect Information. In: Karmann, A., ed. Operations Research '92. Heidelberg, 1993, 443-445
- Vilks, Arnis. Zur Frage der Währungsordnung der baltischen Staaten. In: Meissner, Boris., ed. Die Wirtschaft der baltischen Staaten im Umbruch. Köln: Verlag Wissenschaft und Politik, 1993, 47-54
- Vilks, Arnis. Erwartungsbildung und die Dynamik der Beschäftigungsentwicklung. In: Scherf, Harald, ed. Beschäftigungsprobleme hochentwickelter Volkswirtschaften: Schriften des Vereins für Socialpolitik. Neue Folge Band 178, Berlin: Duncker & Humblot-Verlag, 1989, 119-129
- Vilks, Arnis. Consistent Aggregation of a General Equilibrium Model. In: Eichhorn, W., ed. Measurement in Economics. Heidelberg: Springer-Verlag, 1988, 691-703

#### Dictionary/ Encyclopedia articles

- Vilks, Arnis. (Entry on:) C. G. Hempel: Aspects of Scientific Explanation. In: Quante, M., ed. Kleines Werklexikon der Philosophie. Stuttgart: Kroener-Verlag, 2012.
- Vilks, Arnis. (Entry on:) Axiomatization. In: Davis, John B., ed. The Handbook of Economic Methodology. Elgar: Aldershot-Verlag, 1998, 28-32
- Vilks, Arnis. (Entries on:) Gleichgewicht, Bruttosubstitute, Totalmodell, Walrassches Gesetz. In: Geigant, F.; Haslinger, F. et al., eds. Lexikon der Volkswirtschaft. Landsberg am Lech: Verlag Moderne Industrie, 1994, 6. Auflage

#### HHL Working papers

- Vilks, Arnis. Logic, Game Theory, and the Real World. HHL Working paper 73. Leipzig: HHL – Leipzig Graduate School of Management, 2006
- Vilks, Arnis. Knowledge of the Game, Relative Rationality, and Backwards Induction without Counterfactuals. HHL Working paper 25. Leipzig: HHL – Leipzig Graduate School of Management, 1999
- Vilks, Arnis. Knowledge of the Game, Rationality, and Backwards Induction. HHL Working paper 9. Leipzig: HHL – Leipzig Graduate School of Management, 1997
- Vilks, Arnis. Rationality of Choice and Rationality of Reasoning. HHL Working paper 3. Leipzig: HHL – Leipzig Graduate School of Management, 1996



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## Presentations at Conferences and Research Seminars

- Vilks, Arnis. The Inverse Invisible Hand and Heuristics in Managerial Decision-Making. Australasian Business Ethics Network Conference, Melbourne, Australia, December 10-12, 2017
- Vilks, Arnis. Economic Crises – Are they Inevitable? Ethiopian Economic Association Conference, Mekelle, Ethiopia, June 29, 2013
- Vilks, Arnis. Leadership and Meditation. In: Gupta, A., ed., Cambridge Business and Economics Conference (CBEC), Cambridge University, Murray Edwards College, Cambridge, UK, June 27 – 29, 2011, <http://www.gcbe.us/2011%5FCBEC/data/confcd.htm>
- Vilks, Arnis. Religion and Economics: The Gradual encroachment of Positivism and the Clash of Worldviews. Conference on 'Religious-Secular Distinction'. British Academy, London, January 14–16, 2010
- Vilks, Arnis. Global Economic Difficulties. 4th International Conference on Interdisciplinary Social Sciences, Athens, July 8–11, 2009
- Vilks, Arnis. Wirtschaftstheorie: Mathematik, Sozialwissenschaft oder Ideologie? Invited Talk at Center for Philosophy and Ethics of Science, Leibniz University Hanover, Hanover, April 28, 2009
- Vilks, Arnis. Kripke's Wittgenstein, Rules and Rationality. Conference "Logic of Change, Change of Logic", Prague, September 10–14, 2008
- Vilks, Arnis. Some Roots of Western Immorality. SPT Seminar, RSSH, ANU, Canberra, 26 November 2007
- Vilks, Arnis. Axiomatization, Immunization, and Convention in Economics. ECHE – European Conference on the History of Economics, Siena, October 4–6, 2007
- Vilks, Arnis; Kelly, M. The Case of Global Business and Terror: Philosophy of Management. June 24–26, 2007
- Vilks, Arnis. Economics and Sustainability. SCEME Seminar 'Economics as a Moral Science', Stirling, 19 May 2007
- Vilks, Arnis. Sustaining the World: Against Religious Maniacs and a Selfish Superpower? In: Attwater, R., ed. Conference proceedings of 12th Annual ANZSYS Conference, Mansfield, 2006, 309-314
- Vilks, Arnis. Positivism, Game Theory and the 'Clash of Civilizations'. Cambridge Realist Workshop, 22 May 2006
- Vilks, Arnis. Positivism, Economics, and Inter-Faith Dialogue. INEM Conference, Grinnell, 22–23 February 2006
- Vilks, Arnis. Logic, Game Theory, and the Real World, Opening Ceremony of the Research Training Site GLoRiClass, Institute for Logic, Language and Computation (ILLC), University of Amsterdam, 14 March 2006
- Vilks, Arnis. Backwards Induction in General Belief Structures. 1<sup>st</sup> World Congress of the Game Theory Society, Bilbao, Spain, 27 July 2000



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- Vilks, Arnis. Logic and the Foundations of Game Theory. Eleventh Amsterdam Colloquium, Institute for Logic, Language, and Computation (ILLC), University of Amsterdam, 20 December 1997