

Ilkka Kiema
(previously Kieseppä)
Curriculum vitae
February 7, 2011

A. Education, employment, and research grants

A.1. Education

- 1989 *Master of Science* in the Faculty of Science of the University of Helsinki, majoring in Mathematics
 1995 *Doctor of Philosophy* in the Faculty of Arts of the University of Helsinki
 2002 *Master of Social Sciences* in the Faculty of Social Sciences of the University of Helsinki, majoring in economics
 2005 *Licentiate of Social sciences* in the Faculty of Social Sciences of the University of Helsinki
 2008 *Doctor of Social Sciences* in the Faculty of Social Sciences of the University of Helsinki

A.2. Employment

- | | |
|---------------------------------------|--|
| March 1, 1997 – July 31, 1997 | Junior Researcher of the Academy of Finland |
| January 1, 1998 – July 31, 1998 | Junior Researcher of the Academy of Finland |
| August 1, 1998 – July 31, 2001 | Postdoctoral researcher of the Academy of Finland |
| March 1, 2002 – May 31, 2002 | Researcher, the Department of Philosophy of the University of Helsinki |
| June 1, 2002 – August 31, 2002 | Researcher, Software Business and Engineering institute of the Helsinki University of Technology |
| September 1, 2002 – December 31, 2007 | Researcher, the Research Unit of Economic Structures and Growth of the University of Helsinki |
| January 1, 2008 – June 30, 2008 | Researcher, the Department of Economics of the University of Helsinki |
| July 1, 2008 – December 31, 2008 | Researcher, Research Unit of the Bank of Finland |

A.3. Research Grants

- | | |
|----------------|---------------------------------------|
| November, 1992 | Alfred Kordelin Foundation |
| May, 1993 | Emil Aaltonen Foundation |
| February, 1994 | The Finnish Cultural Foundation |
| February, 1995 | The Finnish Cultural Foundation |
| February, 2001 | The Finnish Cultural Foundation |
| May, 2003 | The OP Bank Group Research Foundation |
| December, 2003 | Yrjö Jahnsson Foundation |
| December, 2004 | Yrjö Jahnsson Foundation |
| April, 2005 | Yrjö Jahnsson Foundation |
| December, 2005 | Yrjö Jahnsson Foundation |
| December, 2008 | Yrjö Jahnsson Foundation |
| December, 2009 | Yrjö Jahnsson Foundation |
| February, 2011 | The Finnish Cultural Foundation |

B. Publications

B.1. Articles in refereed international scientific journals

- 1996 “Truthlikeness for Hypotheses Expressed in Terms of n Quantitative Variables”, *Journal of Philosophical Logic* **25**, 109-134.
- 1996 “On the Aim of the Theory of Verisimilitude”, *Synthese* **107**, 421-438.
- 1997 “Akaike Information Criterion, Curve Fitting, and the Philosophical Problem of Simplicity”, *British Journal for the Philosophy of Science* **48**, 21-48.
- 2000 “Rationalism, naturalism, and methodological principles”, *Erkenntnis* **53**, 337-352.
- 2001 “Statistical Model Selection Criteria and the Philosophical Problem of Underdetermination”, *British Journal for the Philosophy of Science* **52**, 761-794.
- 2008 “Commercial piracy and intellectual property policy”, *Journal of Economic Behavior & Organization* **68**, 304-318.

B.2. Articles in refereed international edited volumes and in international scientific conference proceedings

- 1995 “A Note on the Structuralist Account on Approximation”, in Kuokkanen, M. (ed.), “Idealization VII: Structuralism, Idealization and Approximation”, Rodopi, Amsterdam, pp. 49-52.
- 1995 “Assessing the Structuralist Theory of Verisimilitude”, in *ibid.*, pp. 95-108.
- 1997 “Is David Bohm's Notion of Active Information Useful in Cognitive Science?” In Pylkkänen, P. - Pylkkö, P. - Hautamäki, A. (eds.), 1997, “Brain, Mind, and Physics”, IOS Press, Amsterdam, pp. 54-63. (Artikkeli on julkaistu aiemmin konferenssijulkaisussa Pylkkänen, P. and Pylkkö, P. (eds.), 1995, “New Directions in Cognitive Science. Proceedings of the International Symposium, Saariselkä, 4-9 August 1995, Lapland, Finland”, Publications of the Finnish Artificial Intelligence Society, Helsinki, pp. 124-133.)
- 1997 “On the Difference between Quantum and Classical Potentials - A Reply to Hiley and Pylkkänen”. In Pylkkänen, P. - Pylkkö, P. - Hautamäki, A. (eds.), 1997, “Brain, Mind, and Physics”, IOS Press, Amsterdam, pp. 86-99.
- 2001 “Statistical Model Selection Criteria and Bayesianism”, *Philosophy of Science (Proceedings)* **68**, S141-S152.
- 2002 “Quantum Mechanics and Emergence”, in Martikainen, E. (ed.), “Infinity, Causality, and Determinism. Cosmological Enterprises and their Preconditions”, Peter Lang, Frankfurt am Main, pp. 119-132.
- 2003 “Akaike's Theorem and Bayesian Methodology”, in Rojszczak, A. – Cachro, J. Kurczewski, G. (eds.), *Philosophical Dimensions of Logic and Science*, Kluwer Academic Publishers, Dordrecht, pp. 117-137.

B.3 Discussion papers

- 2006 “Modeling Commercial Piracy of Information Goods”, *HECER Discussion Paper No 130* (<http://ethesis.helsinki.fi/julkaisut/eri/hecer/disc/130>).
- 2007 “Intellectual Property Protection Strength in a ‘Pool of Knowledge’ Endogenous Growth Model”, *HECER Discussion Paper No 184* (<http://ethesis.helsinki.fi/julkaisut/eri/hecer/disc/184>)
- 2009 (Together with Esa Jokivuolle and Timo Vesala:) “Credit allocation, capital requirements and procyclicality”, *Bank of Finland Research Discussion Papers 23/2009*.
- 2010 (Together with Esa Jokivuolle and Timo Vesala:) “Credit Allocation, Capital Requirements and Output”, *Bank of Finland Research Discussion Papers 17/2010*.
- 2010 (Together with Esa Jokivuolle:) “Leverage Ratio Requirement and Credit Allocation under Basel III”, *University of Helsinki Economics Discussion Papers 645/2010*.

B.4. Articles in refereed Finnish scientific journals

- 1997 “Mitä tieteenfilosofia kertoo approksimaatiosta?”, *Ajatus* **54**, 143-166.
- 1998 “Eksplikoiva tutkimusote ja sen vaihtoehdot tieteenfilosofiassa - erään esimerkkitapauksen tarkastelua”, *Ajatus* **55**, 149-179.

B.5. Articles in refereed Finnish scientific edited volumes and in Finnish scientific conference proceedings

- 1996 “Metafilosofisia mietteitä, eli onko vuosisatamme filosofian koulukuntajako pysyvä?” In Kiesepää, I. A. et al. (eds.): “Tieto, totuus ja todellisuus. Kirjoituksia Ilkka Niiniluodon 50-vuotispäivän kunniaksi”, *Gaudeamus Kirja*, Tampere, pp. 334-338.
- 1998 “Ronald Gieren naturalismi ja tieteenteorian normatiiviset ulottuvuudet”. Teoksessa Mäkelä, P. et al. (eds.), “Filosofisia iskuja. Kirjoituksia Martti Kuokkasen 50-vuotispäivän kunniaksi”, *Filosofisia tutkimuksia Tampereen Yliopistosta* **65**, pp. 66-75.
- 2003 “Evolutionaarinen peliteoria, etiikka ja yhteiskuntasopimus”. Teoksessa Kanninen, Vesa - Sintonen, Matti (eds.), “Moraali, yhteiskunta ja talous”, *WSOY*, Porvoo, pp. 125-148.

B.6. Scientific monographs

- 1996 *Truthlikeness for Multidimensional, Quantitative Cognitive Problems*, Kluwer Academic Publishers, Dordrecht.
- 2008 *Essays on the Economics of Intellectual Property Rights*, Research Reports **114:2008**, Department of Economics, University of Helsinki. (Available also at <http://urn.fi/URN:ISBN:978-952-10-4827-2>)

B.7. Other scientific publications

- 1998 “On the Theory of Approximation within the Philosophy of Science”, *Krisis* No. 6, 1998, pp. 4-12.
- 1999 [Together with Friedrich Stadler:] “Science - A House Built on Sand? A Conversation with Noretta Koertge in Minneapolis on November 21, 1998.” In Greenberger, D. et al. (eds.), “*Epistemological and Experimental Perspectives on Quantum Physics*”, Kluwer Academic Publishers, Dordrecht, pp. 279-301.
- 2000 “Suvaitsevaisen realismin ensyklopedinen puolustus”, *Ajatus* **57**, 167-175. [A review of Niiniluoto, Ilkka, 1999, *Critical Scientific Realism*, Oxford University Press, Oxford.]
- 2002 [Review of] “Stadler, Friedrich: The Vienna Circle. Studies in the Origins, Development, and Influence of Logical Empiricism.” *Journal for General Philosophy of Science* **33**, 409-416.

C. Service as a referee

- January 1997 *Erkenntnis*
- June 1997 *Erkenntnis*
- November 1997 *British Journal for the Philosophy of Science*
- December 1997 *British Journal for the Philosophy of Science*
- May 1998 *Synthese*
- February 1999 *Synthese*
- February 2000 *British Journal for the Philosophy of Science*
- May 2001 *Synthese*
- October 2001 *Synthese*
- January 2002 *Philosophy of Science*
- August 2002 *Synthese*
- May 2004 *Philosophy of Science*
- August 2004 *Journal of Economic Behavior & Organization*
- November 2004 *British Journal for the Philosophy of Science*
- February 2006 *British Journal for the Philosophy of Science*
- April 2006 *Synthese*
- December 2007 *Management Science*
- November 2008 *Southern Economic Journal*
- October 2009 *Scandinavian Journal of Economics*
- October 2009 *Journal of Economic Behavior & Organization*
- December 2009 *British Journal for the Philosophy of Science*
- April 2010 *Oxford Economic Papers*
- July 2010 *International Review of Law and Economics*
- October 2010 *Journal of Institutional and Theoretical Economics*