

Ahti-Veikko J. Pietarinen

PhD, Professor

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Born 4 November 1971, Espoo, Finland.
Citizenship: Finnish.

Present Appointment

Full Professor, Chair in Philosophy, Department of Public Administration, Faculty of Social Sciences, Tallinn University of Technology. Appointed 1 September 2011.

Full Professor, Department of Philosophy, History, Culture and Art Studies, University of Helsinki, Finland. Appointed 1 August 2009.

Research Interests

Areas of Specialization: Philosophy and Methodology of Science; Philosophy of Logic & Language; Pragmatism; History of Analytic & American Philosophy.

Areas of Competence: Semantics & Pragmatics; Game Theory; History and Philosophy of Science & Technology; Metaphysics; Philosophy of Mind & Cognitive Sciences; Semiotics.

Previous Appointments, incl. Visiting Appointments

7/2011–6/2012, Houghton Library Visiting Fellow, Harvard University, U.S.

5/2011–, Visiting Professor, Centre for the Study of Language and Cognition, Zhejiang University, Hangzhou, P.R. China.

3/2010–2/2012, Visiting Professor, Department of Philosophy, Kyung Hee University, Seoul, Republic of Korea.

8/2008–7/2009, Full Professor (fixed term), Theoretical Philosophy, Department of Philosophy, University of Helsinki, Finland.

1/2006–8/2008, University Lecturer (=Associate Professor), Department of Philosophy, University of Helsinki.

9/2005–12/2005, *Fulbright Visiting Scholar*, The Peirce Edition Project, Institute for American Thought, Indiana University–Purdue University Indianapolis (IUPUI).

1/2002–8/2005, *Academy of Finland Post-Doctoral Fellow*, (*Logic and Game Theory*, Principal Investigator: Dr Pietarinen, 8/03–7/05; *Game-Theoretical Semantics and Its Applications*, Principal Investigator: Prof. Jaakko Hintikka, 1/02–7/03).

Academic Formation

Adjunct Professor (docent/habilitation), Theoretical Philosophy, University of Helsinki 9/2004

Adjunct Professor (docent/habilitation), Theoretical Philosophy, University of Turku 5/2004

PhD, Philosophy, Univ. Helsinki 3/2002 (*Semantic Games in Logic and Language*, SV: Gabriel Sandu)

MSc, Computer Science, Univ. Turku 9/1997 (*Epistemic Logic in Knowledge Representation*, with dist.)

MSc, Philosophy (subsidiary), Univ. Turku 9/1997 (*IF Logic and Liar's Paradoxes*)

Personal Research Grants and Awards (total c.400.000 euros)

2011: Univ. Helsinki (Research/Teaching Visit Grants: Wuhan, St.Petersburg, São Paulo, Bari), 4.800
 2010: Univ. Helsinki (R/T Visit Grants: Peking Univ., Fudan Univ.), 2.800
 2009c: Univ. Helsinki New Professor Grant), 10.000
 2009b: Univ. Helsinki (R/T Visit Grants: Chinese U. Hong Kong; Peking Univ.), 3.600
 2009a: Kone Foundation (Personal Research Grant), 8.000
 2008: Univ. Helsinki (R/T Visit Grants: Renmin Univ., Wuhan Univ., Fudan Univ.), 5.400
 2007c: Jenny and Antti Wihuri Foundation (*Director, Peirce's Correspondence*), 18.000
 2007b: Univ. Helsinki (R/T VG, Peking Univ., U. São Paulo), 3.400
 2007a: Academy of Finland (Conference Grant), 3.800
 2006: Academy of Finland (R/T VG, CASS, Beijing), 3.000
 1/06–12/08: Univ. of Helsinki 'Excellence in Research' Project (*Director, Peirce's Pragmaticism*), 120.000
 2005c: Jenny and Antti Wihuri Foundation (PRG), 10.000
 2005b: ASLA-Fulbright Visiting Scholar (PRG), 10.000
 2005a: Finnish Cultural Foundation (*Director, Peirce's Correspondence*), 18.000
 2004: Acad. Finland (R/T VG, Vrije Univ. Brussels, Hungarian Acad. Sciences), 2.000
 8/03–7/05: Academy of Finland, Post-Doctoral Fellowship Grant (*Director, Logic and Games*), 100.000
 2003b: Charles S. Peirce Society Essay Contest, First Prize, 800
 2003a: Acad. Finland (R/T VG, Copenhagen, Univ. Lille, France), 10.000
 2002d: Ella and Georg Ehrnrooth Foundation (PRG), 8.000
 2002c: Finnish Cultural Foundation (Monograph Work), 3.500
 2002b: Ministry of Education Finland (Monograph Work), 1.000
 2002a: University of Helsinki (Dissertation Grant), 3.000
 1/2002–10/2002, 1/2003–6/2003: Academy of Finland (Post-Doctoral Grant)
 2001: The Alfred Kordelin Foundation (Travel Grant), 1.000
 2000: University of Helsinki (Travel Grant), 1.000
 1998c: The Jenny and Antti Wihuri Foundation (PRG), 5.000
 1998b: The Osk. Öflund Foundation (PRG), 5.000
 1998a: The Helsingin Sanomat Centenary Foundation (PRG), 3.400
 1997b: The Finnish Cultural Foundation (PRG), 3.700
 1997a: The Osk. Huttunen Foundation Three-Year Post-Graduate Fellowship (10/1998–9/2001), 36.000

Directing of Research Projects

- *Joan Nordell Houghton Library Fellowship* for the study of Peirce's manuscripts on logic at Harvard University, 2011-12.
- *The Helsinki Peirce Research Centre, Director, 2006–*.
 The home of Peirce Studies at the University of Helsinki, Centre's activities include research projects and guest lectures and seminars of the Helsinki Metaphysical Club. A team of post-docs, doctoral students and research associates works for the project sponsored by personal funds. www.helsinki.fi/peirce/
- *Peirce's Pragmatistic Philosophy and Its Applications, Director, 1/2006–12/2008*.
 The University of Helsinki funded 'Excellence in Research' project studied Peirce's pragmatism and logical and semeiotic innovations with an emphasis on application in different branches of science. Major conference organised: *Applying Peirce*, Helsinki, 6/2007.
- *Scientific and Philosophical Correspondence of C. S. Peirce, 2005–2009*.
 This editorial project was preparatory for the publication of Peirce's unpublished philosophical and scientific correspondence. Funded by the Finnish Cultural Foundation (2005-6) and the Jenny and Antti Wihuri Foundation (2007-9).
- *Pragmatic Theories of Meaning, 1-6/2006*.
 Funded by the Jenny and Antti Wihuri Foundation.
- *Peirce's Manuscripts on Logic, 9-12/2005*.
 Funded by the Fulbright Bilateral Commission.
- *Logic and Game Theory, Director, 8/2003–7/2005*.
 Post-doctoral research funded by the Academy of Finland.

Teaching Experience

Courses and Seminars (U. Helsinki unless stated otherwise, since 2004, incl. total number of lecture hours):

Game Theory for the Social Sciences, Graduate Course, Tallinn University of Technology, 39h, 2012
History and Philosophy of Science & Technology, PhD Course, Tallinn Univ. of Technology, 39h, 2011
Semantics and Pragmatics, Intermediate Course, Spring, 24h, 2012
Theory and Methodology, Intermediate Seminar, 24h, yearly 2009–2012
Current Issues in Theory and Methodology, Graduate Seminar, 24h, yearly 2010–2012
Pragmatism, Undergraduate Course, 24h, Spring 2010, 2013
Introduction to Semiotics, Undergraduate Course, 24h, yearly 2009–2012
History and Basic Reading, Undergraduate Course, 24h, yearly 2009–2012
Philosophy of Mathematics, Graduate Course, 24h, yearly 2008–2009
Graduate Seminar in Semiotics, 48h, yearly 2010–2012
Graduate Seminar in Theoretical Philosophy, 48h, yearly 2008–2009
Pro-seminars in Theoretical Philosophy, Intermediate, 48h, yearly 2006–2008
Introduction to Metaphysics, Undergraduate Course, 24h, yearly 2006–2009
Advanced Topics in Peirce's Logic, Postgraduate Course, 24h, 2006
Logic I, Intermediate Course, 36h, yearly 2005–2009 (5 times)
Logic II, Graduate Course, 12h, yearly 2005–2009 (5 times)
Peirce's Logic and Philosophy, Intermediate Course, 24h, 2004–2013 (5 times)
Metaphysical Club Seminar Series, every semester since 2004–.

Visiting Lectures Abroad, 2004–2012:

Significs, U. Bari, 2012
Quantified Epistemic Logic, Dubrovnik, 8h, 5/2011
Essential Analytic Philosophy, Wuhan Univ., 16h, 4/2011
Peirce's Logic & Philosophy, U. Tartu, 12h, 3/2011
Metaphysics, Kyung Hee Univ., Korea, 8h, 6/2010
Essential Analytic Philosophy, Fudan Univ., 16h, 5/2010
Peirce's Logic and Philosophy, Wuhan Univ., Zhejiang Univ., 6h, 3/2009, 5/2011
Games and Linguistic Meaning, Graduate Course, U. Tartu, 8h, 8/2007; State U. St Petersburg, 6/2010
IF Logic, U. São Paulo, 4h, 11/2007
Diagrammatic Reasoning, Peking Univ., 4h, 8/2007
Introduction to Independence-friendly Logic, 10h, Graduate Course, European Summer School in Logic, Language, and Information (ESSLLI 2004), Universite Henri Poincaré, Nancy, 8/2004.

Invited General Education Lectures:

What is Science, Helsinki, 2h, 10/1012
Where Semiotics Is, U. Helsinki, 4h, 4/1012
Semiotics–The Third Culture?, Studia Semiotica Generalia, U. Helsinki, 2h, 10/1012
Introduction to Semiotics, U. Helsinki, 4h, 10/1011
Semiotics in Finland and Beyond, U. Helsinki, 4h, 2/2010
How to Ask Questions about Free Will, Studia Semiotica Generalia, U. Helsinki, 2h, 2/1010
Professional Development in Philosophy, Fudan U., Peking U., Wuhan U., 6h, 5/2010

Supervision:

JÄRVILEHTO, L., PhD, U. Jyväskylä, 2006–2011, completed (C.I. Lewis).
 KANNISTO, T., PhD, U. Tampere/Oslo, 2006–2010, completed (Kant's Modalities).
 STYRMAN, A., PhD Candidate, U. Helsinki, 2008–2012, submitted (Axiomatic Ontology).
 MARILA, A., PhD Candidate, U. Helsinki, 2011– (Pragmatism in Archaeology).
 OJALEHTO, L., PhD Candidate, U. Helsinki, 2006–
 Supervised 16 Master's Theses and 34 Bachelor's Theses in philosophy in 2006–09. Director of the International Master's Degree Programme in Semiotics since 8/2009. No undergraduate or doctoral supervision part of the U.Helsinki post since 8/2009.

Research Collaboration and Research & Teaching Visits Abroad (alphabetic order)

Research projects, scientific and scholarly collaboration, including major research and teaching visits:

JEAN PAUL VAN BENDEGEM, Professor, Dean, Free University Brussels, Centre for Logic and Philosophy of Science. *Significs and Early Analytic Philosophy*. Research and teaching visits 5/2004, 3/2007. Funded by CIMO Finland and the Flemish Ministry of Education.

VINCIUS ROMANINI, Professor, Universidade de São Paulo, Department of Media and Communication. Collaboration on *Peirce*. Research and teaching visits 11/2007, 11/2012. Funded by the U. Helsinki International

Collaboration Funds.

CHEN BO, Professor, Peking University. *Philosophical logic*. Research and teaching visits 2007–2010. Funded by the U. Helsinki and Peking University International Collaboration Funds.

CHEN JUIPI, Assistant Professor, National Taiwan University. *Semiotics*. Research Visit 12/2011. Funded by the Academy of Science and U. Helsinki.

CHOI SUNGHO, Professor, Kyung Hee University.

ROBIN CLARK, Professor, University of Pennsylvania. *Game-Theoretic Semantics and Natural-Language Pragmatics*. Funded by the National Science Foundation and the University of Pennsylvania, Department of Linguistics.

DANIEL COHNITZ, Professor, University of Tartu. *Philosophy of Language*. Research and teaching visit 8/2007. Funded by the University of Tartu and NordForsk.

RISTO HILPINEN, Professor, University of Miami (Coral Gables). *Peirce's Pragmaticism*. Research and teaching visit 11/2005 funded by the University of Miami and the Fulbright Commission.

JAAKKO HINTIKKA, Professor, Boston University, Department of Philosophy. *IF Logic, Game-theoretic semantics*. Research visit 11/2005.

NATHAN HOUSER, Professor, Director, Institute of American Thought and Peirce Edition Project, Indiana University-IUPUI. Joint Research Projects (*Peirce's Logic and his Manuscripts; Peirce Correspondence Project*). Research visit 9/2005–12/2005. Funded by the Finnish Cultural Foundation and the ASLA-Fulbright Bilateral Commission.

HUANG HUAXIN, Professor, Centre for the Study of Language and Cognition, Zhejiang University, research and teaching visit 5/2011. U. Helsinki Funds.

LEE, CHUNGMIN, Professor Emeritus, Institute for Cognitive Science, Seoul National University. U. Helsinki Funds.

LIU XINWEN, Dr, Chinese Academy of Social Sciences, Institute of Philosophy. *Existential Graphs*. Research and teaching visit 10/2006 funded by the Academy of Finland and CASS Bilateral Agreement.

MATHIEU MARION, Canada Chair of Logic and Philosophy, Université Québec à Montréal. *Game Semantics*; François Latraverse, Professor, UQAM, collaboration on the Chronological Edition of the Writings of Charles S. Peirce. Research visit 11/2005. Funded by UQAM.

KRISTOF NYÍRI, Professor, Director, Philosophical Institute, Hungarian Academy of Sciences, *Communications in the 21st Century: The Relevance of C. S. Peirce*. Several visits in 2004. Funded by the Academy of Finland and the Hungarian Academy of Sciences.

WOOSUK PARK, Professor, Korea Institute of Science and Technology, 8/2008. World Class University Project 'Mathematical Philosophy', Korea.

SUSAN PETRILLI, Professor, University of Bari, Department of Linguistics and Literature. *Significs*. Visit 2011. Funded by the U. Bari & U. Helsinki.

SHAHID RAHMAN, Professor, University of Lille 3, Department of Philosophy. *Dialogue Logic*. Member of U.M.R. Savoirs et Textes-CNRS 8519. Funded by CNRS and the Academy of Finland.

FREDERIK STJERNFELT, Professor, Aarhus University. *Diagram Reasoning*. Research visits 2006–2011. Funded by University of Helsinki and Aarhus.

WANG CHENBING, Associate Professor, Beijing Normal University. *Dewey*. Research and teaching visits 3/2008, 2009. Funded by the U. Helsinki Funds.

WONG KAIYEE, Associate Professor, Chinese University of Hong Kong. *Philosophical Logic*. Research and teaching visit 6/2009. Funded by the U. Helsinki Funds.

XU YINJING, Associate Professor, Fudan University. *Analytic Philosophy*. Research and teaching visits 5/2009, 5/2010. Funded by U. Helsinki Funds.

FERNANDO ZALAMEA, Professor, University of Colombia, Department of Mathematics. *Existential Graphs*.

ZHU ZHIFANG, Professor, Wuhan University. *Analytic Philosophy*. Research and teaching visits 2/2009, 5/2011. Funded by the U. Helsinki and U. Wuhan International Collaboration Funds.

Scientific and Professional Activities

Consulting Board Membership (M=multiple reviews, year of first invitation):

Journals:

Journal of Applied Non-Classical Logic, 2011
Journal of Visual Languages and Computation, 2010
Foundations of Science, M, 2009
Sign System Studies, M, ISSN 1406-4243, 2009
Cognitio, M, 2009
International Journal of Signs and Semiotic Systems, Editorial Board, ISSN 2155-5028, 2009
Erkenntnis, ISSN 0165-0106, 2008
Pragmatics & Cognition, ISSN 0929-0907, 2008
Philosophical Frontiers, Editorial Board, M, ISSN 1758-15, 2008
The Baltic International Yearbook of Cognition, Logic and Communication, Editorial Board, ISSN 1944-3676, 2008
Semiotica, M, ISSN 0037-1998, 2007
Journal of Philosophical Logic, M, ISSN 0022-3611, 2007
History and Philosophy of Logic, M, ISSN 0144-5340, 2007
Studia Logica, M, ISSN 0039-3215, 2007
Medicine, Health Care & Philosophy, ISSN 1386-7423, 2007
SATS: Nordic Journal of Philosophy, ISSN 1600-1974, 2007
Transactions of the Charles S. Peirce Society, M, Editorial Board, ISSN 0009-1774, 2006
Stanford Encyclopedia of Philosophy, M, Consulting Board, ISSN 1095-5054, 2006
Acta Philosophica Fennica, M, ISSN 0355-1792, 2005
Philosophia Scientiae, M, ISSN 1281-2463, 2005
Ajatus: Yearbook of the Finnish Philosophical Society, ISSN 0002-2918, 2004
Journal of Cognitive Systems Research, M, ISSN 1389-0417, 2002
Nordic Journal of Computing, ISSN 1236-6064, 2002
Group Decisions and Negotiations, ISSN 0926-2644, 2002
Synthese, M, ISSN 0039-7857, 2001
Nordic Journal of Philosophical Logic, M, ISSN 0806-6213, 2000.

Referee for Book Publishers:

MIT Press, Cambridge, Mass., 2010
College Publications, London, 2009
John Benjamins Publishing, Amsterdam, 2007
Springer, Dordrecht, 2005
Elsevier Science, Oxford, 2005

Research Councils, Tenure Committees:

Tenure Committee, External Evaluator, City University of New York, 2010
The Netherlands Organization for Scientific Research NWO, External Evaluator, 2010
Estonian Research Council, Expert Panel, Philosophy, 2008, 2009; Humanities 2011

Program Committee Member:

Charles S. Peirce Centenary Conference, 2014, U.Mass.
Games & Game Semantics Conference, 2012, Co-chair, Riga, Latvia.
I-Semantics: International Conference on Semantic Systems, 2010, 2011, Graz, Austria.
International Conference on Cognitive Science, 2009, Campinas, Brazil.
International Conference on Applying Peirce, 2007, Chair, University of Helsinki.
First Int. Pragmatic Web Conference, 2006, Stuttgart, Germany.
Cognitive Science Conference, 2005, Italy.
First Int. Workshop in Web Computing in Cyberworlds, 2004, Tokyo, Japan.
Prague 2004 Int. Colloquium—Logic, Games and Philosophy: Foundational Perspectives, 2004, Co-chair, Czech Academy of Sciences, Czech Republic.
ESSLLI Summer Schools, 2001–

Main Organiser:

2012: *Games & Game Semantics*, Riga, 5/12.
2010: *Peirce The Mathematician*, University of Helsinki & Imatra Summer School, 6/10.

2009: *Peirce and Early Analytic Philosophy*, University of Helsinki, 5/09.
Peirce's Existential Graphs, MBR'09 Symposium, Campinas, Brazil, 12/09.
 2007: *International Conference on Applying Peirce*, University of Helsinki. 2004: *Prague 2004 Int. Coll.-Logic, Games and Philosophy: Foundational Perspectives*.
 8/1999–12/2001: The *13th European Summer School in Logic, Language and Information* (ESSLLI'01), Secretary, Organising Committee, University of Helsinki (8/2001). Demonstrated fundraising success for large conference (278.000 euros) from Ministry of Education; EU (IST-FET); Academy of Finland; NorFA; Finnish Cultural Foundation; EACL; FoLLI; Nokia; Lingsoft; Conexor.

Scientific Memberships (year of first enrollment):

European Association for Logic, Language and Information (FoLLI), 1998
 Finnish Philosophical Society (SFY), 1999
 British Logic Colloquium (BLC), 1999
 American Philosophical Association (APA), 2000
 Association for Symbolic Logic, (ASL), 2000
 European Society for Analytic Philosophy (ESAP), 2002
 Charles S. Peirce Society, Sustaining Member, 2002
 Finnish Science Studies Society, 2004
 Cognitive Science Society, 2005
 History of Early Analytic Philosophy Society (HEAPS), 2005
 Society for the Advancement of American Philosophy, 2007
 Nordic Association of Semiotics, Board, 2011

Administrative Service (U. Helsinki):

U. Helsinki Scientific Funds Panel Expert, 2011
 Dept. Philosophy Board, 2007–09.
 Faculty of Arts Representative, Univ. of Helsinki, 2007–09.
 Selection Committee for Teaching Degrees, Faculty of Arts, 2006–09.
 Department Teaching Development Committee, 2007–12.
 Admissions Representative, Dept. Philosophy, 2006–08.
 Coordinator, Departmental Research Seminar, 2004–09.

Invited Talks (IT, 75) and other Conference Presentations (155 in total):

Pragmaticism Revived: Co-Evolution and the Methodology of the Social Sciences	Semiotics and Logic (IT, CSLL, Zhejiang U., 5/11)
Expressivity and Higher-Order Logic of Existential Graphs (St.Petersburg, 6/12)	Essential Analytic Philosophy (IT, Wuhan U., 4/11)
Charles Sanders Grice (Lodz, 5/12)	Grice, Games and Contexts (MCC 2011, Lodz 3/11)
On the Pragmatics of Logic Games (Riga, 5/12)	Peirce's Logic and Philosophy (IT, U. Tartu, 3/11)
Ten Myths about Existential Graphs (Berlin, 3/12)	Semiotics as Science (IT, Society for the Philosophy of Nature, Helsinki, 2/11)
What is Pragmaticism? (Nat. Tsing-Hua U., 12/11)	How to Analyse Rigid Designation? (San Sebastian, 11/10)
Icons & Metaphors (Nat. Yang Ming U., 12/11)	Rorty in the Footsteps of Quine (IT, Oslo, 10/10)
Intuitions of Analytic Philosophy (Soochow U., 12/11)	Iconic Diagram Logic of Metaphors (Stockholm Metaphor Festival, 9/10)
Mathematical and Linguistic Practices from Peirce to Grice to Hintikka (Workshop on Hintikka, Granada, 11/11)	The Ups and Downs of Analytic Philosophy (IT, 6th Meeting of Chinese Society for Analytic Philosophy, Taiyuan, 8/10)
Semiotics–The Third Culture? (U. Helsinki, 10/11)	Formal Methods for Cognitive Science (7th Int. Conf. Cognitive Science, Beijing, 8/10)
Modal Logic, viewed as Semeiotics (American Semiotics Society, Pittsburgh, 10/11)	Existential Graphs: Insights and Prospects (IT, Annual Meeting of Korean Association of Logic, Seoul, 7/10)
Semiotic Modelling (Tartu, 8/11)	On the Conceptual Underpinnings of Organizational Semiotics (IT, 12th Int. Conf. Informatics and Semiotics in Organizations, Reading & Beijing, 7/10)
A Realist Modal-Structuralism? (LMPS'11, Nancy, 7/11; Nat. Taiwan U., 12/11)	Grice, Games, and Linguistic Contexts; Game Theory and Linguistic Meaning (IT, St Petersburg Summer School in Logic, 6/10)
Is There a General Diagram Concept? (IT, Thinking in Diagrams, Berlin, 7/11)	Peirce The Mathematician; Pragmaticism as a Philosophy of Mathematics (IT, Imatra Summer School, 6/10)
Philosophy in Interdisciplinary Contexts (IT, Tallinn University of Technology, 5/11)	
The Baldwin Effect and the Evolution of Language (IT, Biosynteesi, Helsinki, 5/11)	
The Peirce Effect? (NASS 2011, Lund 5/11)	

Tableaux for the Gammas (UniLog'10, Lisboa, 4/10)

Professional Development in Philosophy (IT, U. Lisboa, 4/10)

The Diagrammatic Mind (IT, Sino-Finnish Workshop on Logic & Cognition, U. Helsinki, 3/10; Humboldt-Universität zu Berlin, 4/10; Aarhus 11/10)

How to Ask the Question about Free Will? (IT, Studia Semiotica Generalia, U. Helsinki, 2/10)

Where is Semiotics? In Finland and Beyond (IT, U. Helsinki, 2/10)

On Pragmatic and Causal Theories of Proper Names (IT, University of Hokkaido, Sapporo, 2/10)

On the Concept of Identity (IT, Imatra Winter School of Semiotics, 1/10)

On the Auditory Logic of Sounds; Tutorial on Existential Graphs (IT, Campinas, 12/09)

Semiotics as Science (IT, Helsinki, 12/09; IT, Helsinki, 2/11)

Two Challenges for Fictionalism in Mathematics (St Petersburg, 11/09)

Can Thinking be Critical without Arguments?" (University of Turku, 11/09).

Logic in Finland, last 30 years (Chengdu Logic Meeting, China, 10/09)

Gricean Intentions, Game Theory, and Linguistic Contexts (IT, Paris, 9/09)

Question-answer structures in cognition (IT, La Coruna, 9/09)

Where is Semiotics? Peirce's Answer (La Coruna, 9/09)

Game Theory and Linguistic Contexts (IT, Conference on Formal Linguistics, Beijing 7/09)

Dewey betwixt the one and many-world philosophies (IT, Opole, 6/09)

Peirce's development of the quantification theory (Helsinki, 5/09)

Comments on Hookway's Peirce's structuralism (Helsinki, 5/09)

Semiotics, Pragmaticism (IT, Wuhan, 2/09; Shanghai 5/09; Hongkong 6/09)

Is non-visual diagrammatic logic possible? (IT, Lisboa 3/09)

One vs. many world philosophers (IT, Helsinki, 1/09)

The Butterfly Effect? The Reception of the Principles of Mathematics by the Pragmatist Philosophers (Perspectives on Russell, Zagreb, 11/08)

Esthetic interpretants (Nanjing, 11/08)

Logic of cognition (IT, Guangzhou, 11/08)

World lines and imperfect information (IT, Beijing, 11/08)

Formal methods for cognitive science (IT, Seoul, 10/08)

Implicit vs. explicit (ICAI'08, Beijing, 10/08)

Peirce-Schiller (IT, Lodz, 9/08)

Diagrammatic Logic of Commands (Diagrams, 9/08)

Iconic Logic of Metaphors (Seoul, 8/08)

Why Pragmaticism is neither Structuralism nor Fictionalism (Seoul, 8/08)

Pragmaticism's methodology rethought (IT, Seoul, 8/08)

Philosophy of Ludics (IT, Paris, 3/08)

Game-theoretic semantics (IT, Renmin U., Beijing, 2/08)

Epistemic logic (IT, Renmin U., Beijing, 2/08)

Signs & Diagrams (IT, Aarhus, 2/08)

Game-theoretic models of linguistic contexts (IT, Lille 3, 1/08)

Fixing and revising beliefs (SFY, 1/08)

Logic, language and games (IT, Jena 1/08)

To Peirce Hintikka's thoughts (IT, Copenhagen 11/07)

Comments on Hookway (IT, São Paulo 11/07)

Logic in pragmatism (IT, Babes-Bolyai 9/07; IT, São Paulo 11/07; U Helsinki 6/08)

Diagrams (IT, Peking U, 8/07; São Paulo 11/07)

Three stages of development in Peirce's logic (Xi'an 8/07)

Why is the normativity of logic based on rules? (IT, Opole 6/07)

Synthese Library Book Session (IT, Helsinki 6/07)

Editing Peirce (IT, U Helsinki 6/07)

Women in semiotics: Ladd-Franklin and Welby (IT, Helsinki 6/07)

Challenges for existential graphs (U Helsinki 6/07)

Pragmaticism as an anti-foundationalist philosophy of mathematics (Brussels, 3/07; Beijing 8/07)

Survey of diagrammatic logics II (IT, Helsinki 3/07)

Logic in pictures (Tampere 1/07)

Practices in Peirce's theory of meaning (IT, Helsinki 12/06)

Survey of diagrammatic logics I (IT, U Helsinki 11/06)

On the logic of Peirce (IT, Beijing 10/06)

Künne on Frege (IT, U Hamburg 8/06)

Peirce and Deacon on meaning and the evolution of language (IT, Copenhagen 8/06)

Logic of the image (IT, Peirce and Image, Urbino 6/06)

Logic of abduction (IT, Abduction Conf, Lisboa 5/06)

Significs, pragmatism, and the origins of analytic philosophy (Granada 4/06)

Proof of pragmaticism (IT, U Miami, 11/05)

Graphs, games, and pragmaticism (IT, UQAM 11/05; Peirce Edition Project, Indianapolis 12/05)

IF logic and game-theoretic semantics (IT, UQAM 11/05)

Alexander B. Johnson as a precursor of pragmatic theories of meaning (ICHLS'05, Urbana 9/05)

Logica utens vs. logica docens: origins and contemporary validity (ESPP'05, Lund 8/05)

Mental models and logical diagrams (ESPP'05, Lund 8/05)

Diagrams, signs, cognition: Perspectives on Peirce (ESPP'05, Lund 8/05)

Relevance theory through pragmatic theories of meaning (CogSci'05, Stresa 7/05)

Multimodality in logic and in cognition (Prag'05, Garda 7/05)

Logic and mental spaces (SCL'05, Trondheim 6/05, Stockholm 6/05, Helsinki 6/05)

Getting closer to iconic logic (E-CAP'05, Lund 6/05)

History of semantics in Finland (KTP'05)

Significs and early analytic philosophy (IT, APA'05, Chicago 4/05)

Moving pictures of thought (IT, U Helsinki 1/05)

Life of language (SFY'02, U Turku 1/05)

Peirce's semeiotic and contemporary science (IT, SP'04, Helsinki 12/04)

Towards the history of logic and games (IT, LGP'04, Prague 9/04)

Significs and the origins of analytic philosophy (SIFA'04, Genoa 9/04)

Epistemic logics of imperfect information for multi-agent communication (IT, LCMAS'04, Nancy 8/04; LiCS'04, Turku 7/04)

Tutorial on independence-friendly logic (IT, VUBrussels 5/04)

Evolutionary game-theoretic semantics and its foundational status (EELC'04, VUBrussels 5/04)

Early cognitive science: a challenge to analytic philosophy? (XV IPS, Helsinki 5/04)

Interdisciplinarity and Peirce's classification of the sciences (IRM'04, Budapest 5/04)

Independence-friendly existential graphs (IT, Tallinn Tech 4/04)

Peirce's diagrammatic logic in IF perspective (Diagrams'04, U Cambridge 3/04)

Compositionality, relevance, and Peirce's logic of existential graphs (CoCoCo'04, U Düsseldorf 2/04)

Negation in IF logic (SFY'04, U Helsinki 1/04)

Sphere semantics for aspect (SCL'04, U Helsinki 1/04)

Peirce's magic lantern: moving pictures of thought (IT, APA Eastern Division, Washington D.C. 12/03)

The semantic+pragmatic web=the semiotic web (IADIS/WWW'03, Algarve 11/03)

Wittgenstein on 'one of the most fundamental language games' (IWS'03, Kirchberg 8/03)

Historical and Peircean notions of pragmatics (ICHL'03, U Copenhagen 8/03)

Reversed interactive epistemology (WCP'03, Istanbul 8/03)

Agenda cognitive linguistics: (ICCL'03, Logroño 7/03)

Diagrammatic logic in IF perspective (IT, UCLA-Helsinki'03, Helsinki 7/03)

Dialogue foundations and informal logic (IL@25, Windsor 5/03)

Moving pictures of thought (IT, Helsinki 2/03)

Peirce's concept of communication and its contemporary relevance (NRAP'03, Hungarian Acad of Sciences 11/03)

Independence-friendly logic and incomplete information (PILM02, Nancy 10/02)

Diagrammatic logic and game-playing (VRI'02, Liverpool 9/02)

Logic, language-games and ludics: Some Wittgensteinian themes in the foundations of logic and computation (LC'02 8/02)

Inner and outer knowledge: the case for epistemic logic (ECAP IV, Lund 6/02)

Knowledge constructions for artificial intelligence (ISMIS'02, Lyon 6/02)

Aspect and strategic meaning (KTP'02, Helsinki 5/02)

Philosophical logic and the revolution in informatics (IT, Societas Philosophica Fennica, Helsinki 4/02)

Peirce's game-theoretic ideas in logic (IT, Metaphysical Club, Helsinki, 2/02)

Semantic games in logic and language (Helsinki 1/02)

Varieties of IFing (ESSLLI'01, Helsinki 8/01)

Games for generalised quantifiers (SuBV, Univ. Amsterdam 12/00)

Some remarks on games logic plays (LC'00, Univ. Sorbonne 7/00)

Informational independence in epistemic logic (LMPS'99, Cracow 8/99)

Imperfect information in epistemic logic (ESSLLI'98, Saarbrücken 8/98)

Further Particulars

Listed in 10/2004 in the *Who's Who in Logic Master List: International Directory of Logicians* (Woods, J. & Gabbay, D., eds, College Publications), 2009 (among the three youngest scholars in the directory of over 200 entries.)

First Prize in The Essay Contest of the Charles S. Peirce Society, 2003, Eastern APA 12/03.

Language Skills: Finnish (native); English (reading: excellent, writing: excellent; speaking: excellent); Swedish (good); Chinese (moderate); German (fair); Latin (fair). Computer: L^AT_EX, Prolog; Pascal; HTML/XML; Lisp; CG.

Erdős Number: 4 (Sandu to Väänänen to Shelah to Erdős).

Accumulative Summary of Current Research

2010– Logic of Images and Information; The Baldwin Effect and the Co-evolution of Meaning & Communication; History of Habits

2008– Metaphors; Esthetic Meaning; Structuralism; Fictionalism

2006– Pragmatic Meaning; Abduction; Philosophy of Mathematics; Modal Metaphysics

2004– Relevance Theory; Grice; History of Analytic Philosophy, Game Theory and Linguistic Meaning; Significs

2002– Pragmatism; Diagrams; Logic and Neuroscience; Cognitive Sciences and Phenomenology

2000– Quantum Logic; Game Theory; Peirce; Theory of Signs; Wittgenstein

1998– Logic (Philosophical, IF Logic, Modal, Epistemic etc.); Game-Theoretic Semantics; Propositional Attitudes; Possible-Worlds Semantics; Knowledge Representation and AI; Semantics and Pragmatics.

Research Evaluations

Excerpts from the evaluation reports on research funding applications (made to the Academy of Finland in 2005-11 for 3-4 years):

“The applicant is the director of the Helsinki Peirce Research Center. He has a first rank expertise of the topic. He is an internationally approved expert in core fields of analytical philosophy, and active in international journals and conferences.” (Philosophy panel, Academy of Finland, 4/2009)

“The competence of the applicant is very high. He is clearly one of the leading experts on Peirce in the world. The international collaborations proposed are extensive and convincing.” (Phil.panel, Academy of Finland, 11/2008)

“has a very strong record of publication, international work and professional contacts. He is also the Director of the Helsinki Peirce Research Center. The applicant clearly has considerable expertise concerning Peirce and enthusiasm for the project. . . is working with linguists and computer scientists as well as with philosophers and logicians.” (Phil.panel, Academy of Finland, 2/2008)

“The project is ambitious because it has high standards, tackles difficult problems, and is doing so on an international level. Research about Peirce and pragmatism is still increasing and the general analysis in the application is accurate and promising for further research. There is still much to be discovered and communicated about Peirce’s work. The project is very clearly presented and the methods and materials are appropriate. The applicant has the appropriate training and impressive achievements in terms of publications and contributions to conferences. He and the researchers have the necessary expertise to carry out this project. The management and division of labour is appropriate and well-planned.” (Phil.panel, Academy of Finland, 7/2007)

“is a very competent and interesting Peirce scholar. He is not just doing important historical work but is applying Peirce’s work to contemporary philosophical problems, that is, he is doing serious and innovative systematic philosophy. This time his aim is to work on Peirce’s theory of meaning. He wants to develop Peirce’s ideas and apply them to new areas of philosophy. As possible areas of application he mentions relevance theory. This is an excellent and ambitious, close to an outstanding, project. The project is clearly significant and the plan very solid. A very strong and well presented research plan for a project that will deal with a wide set of topical problems in a number of ways. The project is very ambitious but given the previous merits of the applicant it will most likely succeed.” (Phil.panel, Academy of Finland, 3/2007)

“The research plan is very ambitious, but comparing it to [his] scholarly output so far, it is realistic nevertheless. Some of the objectives are presented in a rather terse format in the project description. However, this propped with the publication record provides a clear statement of the line of research undertaken in the framework of this project. [He] is an energetic and committed researcher, with the requisite skills and expertise. [He] is in close collaboration with practically all the leading authorities of his field.” (Panel report, Academy of Finland, 3/2006)

From the European Research Council Evaluation Report 2009 (Panel SH4: Human Mind and Its Complexity, application *DiaMind: Diagrammatic Mind*):

“The applicant is truly an internationally leading researcher already. The PI offers an outstanding CV, and has internationalized his research in an excellent way. The PI has an excellent track record. He has an important number of publications in peer reviewed top international journals and edited volumes. Most of his publications are on philosophy. This is a truly innovative research approach (not only for a starting grant) which, although inspired by historical work, is particularly appropriate today when great efforts are made to overcome the propositional nature of logic and of mental representations and when various pictorial attempts have not lived up to promises. The PI’s harsh verdict on the disparate nature of current cognitive science is largely true and he presents an excellent unifying idea, even if it is easy to spot signs of overconfidence in this proposal.”

(None of the applications were funded.)

Research evaluations for professorial posts:

“[His] CV and publication record would entitle him full professorial position at virtually any North American University” (from the 2009 Review Report of External Assessor, a prominent North American Professor, for rank Full Professor).

“Perhaps the most interesting candidate is Dr Pietarinen, whose interpretation of Peirce and the knowledge and use of philosophical methodologies, including formal tools, are both deep and highly original.” (from the 2005 Review Report of External Assessor, a prominent UK Professor, for rank Full Professor).

References

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Ahti-Veikko Pietarinen, PhD, University of Helsinki
April 20, 2012

Ahti-Veikko J. Pietarinen

List of Publications*

A. Peer Reviewed Scientific Articles International Peer Reviewed Scientific Journal Articles

- 2012h. Peirce's Development of Quantification Theory, *Synthese*, to appear.
- 2012g. Victoria Welby's and Christine Ladd-Franklin's Correspondence with Charles Peirce, *Semiotica*, to app. ISSN 0037-1998.
- 2012f. Peirce's Magic Lantern: Moving Pictures of Thought, *Transactions of the Charles S. Peirce Society*, to app. ISSN 0009-1774.
- 2012e. Peirce and Husserl in Professor Stjernfelt's Diagrammatology, *Cognitive Semiotics: Multidisciplinary Journal of Meaning and Mind*, to app. ISSN 1662-1425.
- 2012d. Two Challenges for Fictionalism in Mathematics, *Journal for General Philosophy of Science*, in press. (Preliminary version published in 2009, *Philosophy, Mathematics, Linguistics: Aspects of Integration*, St. Petersburg: Russian Academy of Sciences, 141–145. ISBN 978-5-9651-0386-7.)
- 2012c. On the Conceptual Underpinnings of Organisational Semiotics, *Information Systems Journal*, in press. ISSN 2155-5028.
- **2012b. An Iconic Logic for Metaphors, *Journal of Cognitive Science*, in press. ISSN 1598-2327. (Preliminary version published in 2008, *Proceedings of the 6th International Conference of Cognitive Science*, Yonsei University: The Korean Society for Cognitive Science, 317–320.)
- **2012a. Peirce and the Logic of Image, *Semiotica*, in press. ISSN 0037-1998.
- **2011b. Existential Graphs: What the Diagrammatic Logic of Cognition Might Look Like?, *History and Philosophy of Logic* **32**, 265–281. ISSN 0144-5340. (Translation in Chinese, to app. Preliminary version published in 2008, *Proceedings of the 7th International Conference on Logic and Cognition*, Guangzhou: Sun Yat-Sen University.)
- **2011a. Moving Pictures of Thought II: Graphs, Games, and Pragmatism's proof, *Semiotica* **186**, 315–331. ISSN 0037-1998. (Translation in Portuguese, to app.)
- **2010. Peirce's Pragmatic Theory of Proper Names, *Transactions of the Charles S. Peirce Society* **46**, 341–363. ISSN 0009-1774.
- **2009b. Significs and the Origins of Analytic Philosophy, *Journal of the History of Ideas* **70**(3), 467–490. ISSN 0022-5037.
- 2009a. Sphere Semantics for Aspect, *Studies in Logic* **1**(3), 19–31. ISSN 1674-3202. (Preliminary version published in *Proc. 20th Scandinavian Conference of Linguistics*, Department of General Linguistics, Publications No. 36, University of Helsinki. <http://www.ling.helsinki.fi/kielitiede/20scl/>.)
- 2008c. Diagrammatic Logic of Existential Graphs: A Case Study of Commands, in *Lecture Notes in Artificial Intelligence* **5223**, Berlin: Springer-Verlag, 404–407. ISSN 0302-9743.
- **2008b. The Place of Logic in Pragmatism, *Cognitio* **9**(1), 247–260. ISSN 1518-7187.
- 2008a. The Proof of Pragmatism: Comments on Christopher Hookway, *Cognitio* **9**(1), 85–92. ISSN 1518-7187.
- **2007. On Historical Pragmatics and Peircean Pragmatism, *Linguistics and the Human Sciences* **2**(1), 123–143. ISSN 1742-2906.
- **2006d. Interdisciplinarity and Peirce's Classification of the Sciences: A Centennial Reassessment, *Perspectives on Science* **14**(2), 127–152. ISSN 1063-6145.

*Updated list available at www.helsinki.fi/~pietarin/publications/. The section headings conform to the Academy of Finland Classification, the codes in parentheses to the University of Helsinki Classification. Ten subjectively the most important publications marked by a double asterisk.

- 2006c. Peirce's Contributions to Possible-Worlds Semantics, *Studia Logica* **82**(3), 345–369. ISSN 0039-3215.
- 2006b. The Evolution of Semantics and Language-Games for Meaning, *Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems* **7**(1), 79–104. ISSN 1572-0381.
- 2006a. Peirce, Habermas and Strategic Dialogues: From Pragmatism to the Pragmatics of Communication, *LODZ Papers in Pragmatics* **1**(1), 197–222. ISSN 1895-6106.
- 2005b. Cultivating Habits of Reason: Peirce and the Logica Utens vs. Logica Docens Distinction, *The History of Philosophy Quarterly* **22**(4), 357–372. ISSN 0740-0675.
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- 2003e. Logic, Language-Games and Ludics, *Acta Analytica* **18**(30/31), 89–123. ISSN 0353-5150.
- 2003d. Games as Formal Tools versus Games as Explanations in Logic and Science, *Foundations of Science* **8**(1), 317–364. ISSN 1233-1821.
- 2003c. What Do Epistemic Logic and Cognitive Science Have To Do with Each Other? *Cognitive Systems Research*, **4**(22), 169–190. ISSN 1389-0417.
- 2003b. A Note on the Structural Notion of Information in Extensive Games, *Quality & Quantity* **37**(1), 91–98. ISSN 0033-5177.
- 2003a. Peirce's Game-Theoretic Ideas in Logic, *Semiotica* **144**(14), 33–47. ISSN 0037-1998.
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- 2002c. Quantum Logic and Quantum Theory in a Game-Theoretic Perspective, *Open Systems & Information Dynamics* **9**(3), 273–290. ISSN 1230-1612.
- 2002b. Knowledge Constructions for Artificial Intelligence, *Lecture Notes in Artificial Intelligence* **2366**, Springer, 303–311. ISSN 0302-9743.
- 2002a. Games and Logics of Knowledge for Multi-Agent Systems, *Lecture Notes in Artificial Intelligence* **2313**, Springer, 214–223. ISSN 0302-9743.
- 2001d. What is a Negative Polarity Item?, *Linguistic Analysis* **31**(3–4), 165–200 (Copyright 2003). ISSN 0098-9053.
- 2001c. Intentional Identity Revisited, *Nordic Journal of Philosophical Logic* **6**(2), 144–188. ISSN 0806-6205.
- 2001b. Most Even Budgeted Yet: Some Cases for Game-Theoretic Semantics in Natural Language, *Theoretical Linguistics* **27**(1), 20–54. ISSN 0301-4428.
- 2001a. (with G. Sandu) Partiality and Games: Propositional Logic, *Logic Journal of the Interest Group in Pure and Applied Logic (IGPL)* **9**(1), 107–127. ISSN 1367-0751.
- 2000b. Logic and Coherence in the Light of Competitive Games, *Logique et Analyse* **43**(171-172), 371–391. ISSN 0024-5836.
- 2000a. (with G. Sandu) Games in Philosophical Logic, *Nordic Journal of Philosophical Logic* **4**(2), 143–173. ISSN 0806-6205.

Articles in International Scientific Compilations and in Scientific Conference Proceedings with a Referee Practice

- 2012d. Carnapian Tolerance, Karl Menger, and the Early US Pragmatists, in Heinzmann, G. et al. (eds.), *Logic and Rational Reconstruction of Science from a Pragmatic Point of View* (Logic, Epistemology and the Unity of Science Series), Dordrecht: Springer, to app.
- 2012c. The Ups and Downs of Analytic Philosophy, *The Yearbook of the Chinese Association of Analytic Philosophy*, in press. (Preliminary version published in the *Proceedings of the Sixth National Conference on Analytic Philosophy in China*, Taiyuan: Shanxi University Press, 17–26, 2010.)

- 2012b. Peirce and Deacon on the Meaning and Evolution of Language, in F. Stjernfelt & T. Schilhab (eds.), *New Perspectives on the Symbolic Species*, Dordrecht: Springer, in press. ISBN 978-94-007-2336-8.
- 2012a. Why is the Normativity of Logic Based on Rules?, in C. De Waal & K. P. Skowronski (eds.), *The Normative Thought of Charles S. Peirce*, Fordham: Fordham University Press, in press. ISBN 978-0-8232-4244-3.
- 2011c. Remarks on the Peirce-Schiller Correspondence, in E. H. Oleksy & W. Oleksy (eds.), *Transatlantic Encounters: Philosophy, Media, Politics*, Frankfurt am Main: Peter Lang, 61–70. ISSN 1610-6814, ISBN 978-3-631-61728-1.
- 2011b. A Hedgehog Who Thought He Was a Fox: Dewey betwixt the One and Many-World Philosophies, in L. A. Hickman, M. C. Flamm, K. P. Skowronski & J. A. Rea (eds.), *The Continuing Relevance of John Dewey: Reflections on Aesthetics, Morality, Science, and Society*, Amsterdam: Rodopi, 225–241. ISBN 978-90-420-3232-3.
- 2011a. Principles and Practices of Neurath’s Picture Language, in O. Pombo, S. Rahman & J.M. Torres (ed.). *Otto Neurath and the Unity of Science* (Logic, Epistemology, and the Unity of Science 18), Dordrecht: Springer, 71–82. ISBN 978-94-007-0142-7.
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- 2010c. Is Non-Visual Diagrammatic Logic Possible? In A. Gerner (ed.), *Diagrammatology and Diagram Praxis*, King’s College: College Publications. ISBN 978-1-84890-007-3.
- 2010b. Which Philosophy of Mathematics is Pragmaticism? M. Moore (ed.), *New Essays on Peirce’s Mathematical Philosophy*, Chicago, IL: Open Court, 59–79. ISBN 978-0-8126-9681-3.
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- 2009c. Esthetic Interpretants: Pragmaticism, Semiotics, and the Meaning of Art, *Chinese Semiotic Studies: Journal of the International Institute for Semiotic Studies*. Nanjing Normal University Press, 223–229. ISBN 978-7-81101-993-3.
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- 2003c. Peirce’s theory of communication and its contemporary relevance, K. Nyíri (ed.), *Mobile Learning: Essays on Philosophy, Psychology and Education*, Vienna: Passagen Verlag, 81–98. ISBN 3-85165-603-2.
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