

AMIRHOSSEIN KIANI – CURRICULUM VITAE

CONTACT

Position: PhD Student, Department of Philosophy, University of Calgary
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Supervisor: Richard Zach

EDUCATION

1. PhD in Philosophy, *University of Calgary*, Calgary, Alberta, Canada 2023 (expected)
2. MA in Philosophy, *University of Tartu*, Tartu, Estonia, (*cum laude*) 2019
Thesis: Perception, Abductive Methodology, and Compositional Universalism
Supervisor: Juhani Yli-Vakkuri
3. BSc in Mathematics and Applications, *Amirkabir University of Technology*, Tehran, Iran 2017
Thesis: Logics for Coalgebras, and a Final Coalgebra Theorem (written in Persian)
Supervisor: Massoud Pourmahdian

RESEARCH AREAS

AREAS OF SPECIALIZATION

Metaphysics, Logic, Philosophy of Language

AREAS OF COMPETENCE

Logic, General and IT Ethics, Philosophy of AI

PUBLISHED PAPERS

1. Structured propositions and a semantics for unrestricted impure logics of ground, *Synthese*, 2023

WORK IN PROGRESS OR UNDER REVIEW

1. What is the ‘Correct’ Ramified Theory of Types?
2. Russellian Presuppositions, Vicious Circle Principles and Ramified Type Theory,
3. Ramified Types and Metaphysical Structure,
4. Ramification and Ground: Towards a Unified Predicative Solution to Puzzles of Quantificational Ground,
5. A Puzzle of Quantificational Aboutness
6. Does Sider’s Logical Fundamentalism Endanger Immediate Ground?
7. Categoriomaticity and Type-Insensitive Relations: Towards Polymorphic Metaphysics and Beyond
8. Propositions as Types: Revisiting the Question of Logical Fundamentalism

RESEARCH EXPERIENCE

1. Research Assistant, Project: Expertise and Fundamental Controversy in Philosophy and Science – MOBTT45, Supervisor: Bryan Frances, University of Tartu July-August 2018 & March-June 2019¹

TEACHING EXPERIENCE

DEPARTMENT OF PHILOSOPHY, UNIVERSITY OF CALGARY

1. Teaching Assistant for *Information Technology Ethics* (PHIL 314), Reid Buchanan Fall 2023
2. Main Instructor for *Logic I* (PHIL 279), Online Teaching (Zoom), Class Size: 62 Spring 2022
3. Teaching Assistant for *Information Technology Ethics* (PHIL 314), Reid Buchanan Winter 2022
4. Teaching Assistant for *Logic I* (PHIL 279), Gillman Payette Summer 2021
5. Teaching Assistant for *Logic I* (PHIL 279), Richard Zach Winter 2021
6. Teaching Assistant for *Logic I* (PHIL 279), Richard Zach Winter 2020
7. Teaching Assistant for *Minds and World* (PHIL 395), David Liebseman Fall 2019

DEPARTMENT OF PHILOSOPHY, UNIVERSITY OF TARTU

3. Main Instructor for *Modal Logics: A Semantic Perspective*² (FLFI.04.076), Graduate Level Spring 2018

HONORS AND AWARDS

1. Alberta Graduate Excellence Scholarship (AGES) - International (CA\$15000) 2021
2. Department of Philosophy Graduate Essay Award (CA\$2500) 2021
3. Alberta Graduate Excellence Scholarship (AGES) - International (CA\$15000) 2019
4. Full Funding Package (4 years) - CA\$30000/Year 2019-2023
Graduate Research Assistance Grant, University of Calgary - CA\$10000/Year,
Teaching Assistance Grant and International Fee Differential - CA\$20000/Year,
5. The Best MA Thesis Prospectus of The Year Award, Department of Philosophy, University of Tartu 2018
6. Tuition Waiver Scholarship, University of Tartu (CA\$6300/Year) 2017 & 2018
7. DoraPlus Scholarship, University of Tartu (CA\$5700/Year) 2017 & 2018
8. Achievement Stipend, University of Tartu 2018
9. Excellence Scholarship for Travel and Accommodation, University of Tartu 2018

ACADEMIC ACTIVITIES

PRESENTATIONS

1. Structured Propositions and a Semantics for Unrestricted Impure Logics of Ground, *World Logic Day in AB and BC*, University of Calgary, Canada Jan 2023
2. A Consistent Proof Theory for Ramified Types, with Applications in Philosophy, *GSCL XXII - The 22nd annual Graduate Student Conference in Logic* (Online), University of Illinois at Urbana-Champaign March 2021

¹These were during my studentship at the University of Tartu, and included contracts and paid work.

²This was part of the practicum of my MA program – I was not officially employed or paid for the job.

3. Substitution Structures, Intensionality and Hyperintensionality, Univ. of Calgary, Canada December 2019
4. \aleph_0 -Valued Logics and Vagueness, *Summer Camp in Philosophy*, Tartu, Estonia June 2018
5. How Do Ordinary People Think of Meaning? Towards Finding Essential Properties of Meaningful Structures in Natural Languages: A Survey Report, *The Third Student Conference of Philosophy*, Tehran, Iran (Co-presented with Pinar Emre) November 2016
6. Phonetic Sensitivity by Individuals Having Different Degrees of Autistic Traits, *Labphon 15, Satellite conference on Personality in Speech*, Ithaca, NY, USA (Co-presented with Falahati, Salarifar) July 2016
7. Frege's Sense and Reference, *13th Public Seminar of the Logic Group*, Amirkabir University of Technology, Tehran, Iran February 2014

SUMMER SCHOOLS, WORKSHOPS AND CONFERENCES ATTENDED

1. First International Workshop on Oriental Logic (online), *Institute for Interdisciplinary Research in Fundamental Sciences (IRFS)*, *Logic and Religion Association (LARA)* and *Logic Association of Malaysia (PMM)*, August 2021
2. Logic, Quantum Computing, and Artificial Intelligence (online), *Institute for Interdisciplinary Research in Fundamental Sciences (IRFS)*, in collaboration with multiple other international organizations July 2021
3. First Annual Spring School of the Iranian Association of Logic (online), *Institute of Research in Fundamental Sciences (IPM)*, Tehran, Iran May 2021
4. Hamburg Summer School on the Hyperintensional Revolution, *University of Hamburg*³, Germany July 2020
5. Workshop on Disagreement in Inquiry, *University of Tartu*, Tartu, Estonia December 2018
6. Frege Lectures (Timothy Williamson—Oxford), *University of Tartu*, Tartu, Estonia September 2018
7. Humboldt Workshop in the Philosophy of Language and Logic, *Humboldt University*, Germany July 2018
8. Workshop on Modal Logic and its Application in Computer Science (Yde Venema—ILLC), *University of Tehran*, Iran September 2016
9. Workshop on Various aspects of Modality (Thomas Studer—Bern), *IPM*, Isfahan, Iran May 2016
10. Conference on Model Theory and Set Theory, *IPM*, Tehran, Iran October 2015
11. 2nd-4th Annual Conference of Iranian Association for Logic, Iran 2014-2016

READING GROUPS PARTICIPATED

1. ACU Reading Group on Higher-Order Logic (online), Australian Catholic University 2020-2021

PROFESSIONAL SERVICE

1. Editing and translating Wikipedia articles in Philosophy, Logic and Mathematics (Voluntary), part-time

GRADUATE COURSES TAKEN⁴

Course Information	Grade	Year
1. <i>Proof Theory</i> , Richard Zach, University of Calgary	A	2020
2. <i>Philosophy of Mathematics</i> , Richard Zach, University of Calgary	A	2020
3. <i>Good Ol' Fashioned 'S knows that p' Epistemology</i> , J. Fantl, U of Calgary	N/A	2020
4. <i>Conceptual Engineering</i> , David Liebesman, University of Calgary	A	2020
5. <i>Graduate Pro-Seminar</i> , Ann Levey, University of Calgary	A	2019

³Due to the Coronavirus global pandemic in 2020, the Summer School was held online.

⁴'N/A' applies to courses audited without official registration.

6. <i>Contemporary Meta-Ethics</i> , John Baker, University of Calgary	A	2019
7. <i>Topics in Epistemology</i> , Jeremy Fantl, University of Calgary	A	2019
8. <i>Category Theory</i> , Ülo Reimaa, University of Tartu	N/A	2019
9. <i>Philosophy of Language</i> , Juhani Yli-Vakkuri, University of Tartu	A	2019
10. <i>Logic Seminar</i> , Juhani Yli-Vakkuri, University of Tartu	A	2019
11. <i>Philosophical Methodology</i> , Juhani Yli-Vakkuri, University of Tartu	A	2019
12. <i>Modal Metaphysics</i> , Juhani Yli-Vakkuri, University of Tartu	A	2018
13. <i>Vagueness</i> , Juhani Yli-Vakkuri, University of Tartu	A	2018
14. <i>Paradoxes in Philosophy</i> , Bryan Frances, University of Tartu	A	2018
15. <i>Readings in Animal Consciousness</i> , Kyle York, University of Tartu	A	2018
16. <i>Linguistics and Philosophy of Language</i> (3 parts), Alex Davies, University of Tartu	A	2018
17. <i>Introduction to Metaphysics</i> , Bruno Mölder, University of Tartu	A	2018
18. <i>Scientific Writing for Academic Publication</i> , D. Leijen, University of Tartu	A	2018
19. <i>Readings in the History of Philosophy of Science</i> , A. Mets, University of Tartu	A	2018
20. <i>Master's Seminar</i> (3 parts), K. Simm, & E. Kitsik & H. Sova, University of Tartu	A	2018
21. <i>Philosophy of Food</i> , M. Nagatsu, University of Helsinki	A	2018
22. <i>Philosophy of Artificial Intelligence</i> , Eve Kitsik, University of Tartu	A	2017
23. <i>Model Theory II</i> , M. Khani & M. Pourmahdian, Amirkabir Univ. of Technology	N/A	2016
24. <i>Model Theory I</i> , Alireza Mofidi, Amirkabir University of Technology	A	2016

MEMBERSHIPS

1. The Reading Group on Higher-Order Logic, <i>Australian Catholic University</i>	2020-2021
2. Research Group in Expertise and Fundamental Controversy, <i>University of Tartu</i>	2018-2019
3. The Iranian Association of Logic, Tehran, Iran	2015-2016
4. Logic Group, <i>Amirkabir University of Technology</i>	2014-2016

LANGUAGES

NATURAL

1. Persian – native
2. Kurdish (southern accent) – native
3. English – professional
4. Arabic (classic) – intermediate
5. German – Basic

PROGRAMMING

1. Python (PyTorch, TensorFlow, HuggingFace, Scikit-learn, Numpy, Pandas, Matplotlib, Seaborn, Plotly)
2. SQL
3. LaTeX

SOCIAL NETWORK

ResearchGate: [researchgate.net/profile/Amirhossein_Kiani](https://www.researchgate.net/profile/Amirhossein_Kiani)

Academia.edu: [ucalgary.academia.edu/AmirhosseinKiani](https://www.academia.edu/AmirhosseinKiani)