

# AMIRHOSSEIN KIANI – CURRICULUM VITAE

## CONTACT

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Position: PhD Student, Department of Philosophy, University of Calgary  
Address: Dept. of Philosophy, University of Calgary, 2500 University Drive N.W, Calgary, Alberta T2N 1N4, Canada  
Email: [amirhossein.kiani@ucalgary.ca](mailto:amirhossein.kiani@ucalgary.ca) or [mathelogics1939@gmail.com](mailto:mathelogics1939@gmail.com)  
Website: <https://profiles.ucalgary.ca/amirhossein-kiani>

## EDUCATION

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1. Ph.D in Philosophy, *University of Calgary*, Calgary, Alberta, Canada 2023 (expected)
2. M.A. in Philosophy, *University of Tartu*, Tartu, Estonia, (*cum laude*) 2019  
Thesis: Perception, Abductive Methodology, and Compositional Universalism  
Supervisor: Juhani Yli-Vakkuri
3. B.S. 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

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### AREAS OF SPECIALIZATION

Metaphysics, Logic, Philosophy of Language

### AREAS OF COMPETENCE

Logic, General and IT Ethics, Philosophy of AI

## PUBLISHED PAPERS

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1. Entity Grounding, Structure and Ramification, *Synthese* (forthcoming)

## WORK IN PROGRESS OR UNDER REVIEW

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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. A Unified Semantics for the Logics of Propositional Partial Ground,
5. Ramification and Ground: Towards a Unified Predicative Solution to Puzzles of Quantificational Ground,
6. A Puzzle of Quantificational Aboutness
7. Does Sider’s Logical Fundamentalism Endanger Immediate Ground?
8. Categoricality and Type-Insensitive Relations: Towards Polymorphic Metaphysics and Beyond
9. Propositions as Types: Revisiting the Question of Logical Fundamentalism

## RESEARCH EXPERIENCE

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1. Research Assistant, Project: Expertise and Fundamental Controversy in Philosophy and Science – MOBTT45, Supervisor: Bryan Frances, University of Tartu July-August 2018 & March-June 2019<sup>1</sup>

## TEACHING EXPERIENCE

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### DEPARTMENT OF PHILOSOPHY, UNIVERSITY OF CALGARY

1. Main Instructor for *Logic I* (PHIL 279), Online Teaching (Zoom), Class Size: 62 Spring 2022
2. Teaching Assistant for *Information Technology Ethics* (PHIL 314), Reid Buchanan Winter 2022
3. Teaching Assistant for *Logic I* (PHIL 279), Gillman Payette Summer 2021
4. Teaching Assistant for *Logic I* (PHIL 279), Richard Zach Winter 2021
5. Teaching Assistant for *Logic I* (PHIL 279), Richard Zach Winter 2020
6. 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*<sup>2</sup> (FLFI.04.076), Graduate Level Spring 2018

## HONORS AND AWARDS

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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

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### 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
3. Substitution Structures, Intensionality and Hyperintensionality, Univ. of Calgary, Canada December 2019

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

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

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*<sup>3</sup>, 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 TAKEN<sup>4</sup>

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
6. <i>Contemporary Meta-Ethics</i> , John Baker, University of Calgary	A	2019

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

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

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

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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

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### NATURAL

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

### PROGRAMMING

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

## SOCIAL NETWORK

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ResearchGate: [researchgate.net/profile/Amirhossein\\_Kiani](https://researchgate.net/profile/Amirhossein_Kiani)  
 Academia.edu: [ucalgary.academia.edu/AmirhosseinKiani](https://academia.edu/AmirhosseinKiani)