

## Employment

- August 2025– **Assistant Professor**, *Department of Philosophy*, University of Wisconsin-Madison.  
2020–2025 **Akademischer Mitarbeiter**, *Department of Philosophy*, University of Konstanz.  
2017–2020 **Postdoctoral Research Fellow**, *ConceptLab*, University of Oslo.

## Education

- 2010–2016 **PhD**, *Birkbeck College, University of London*, Supervised by Øystein Linnebo.  
Reflection and potentialism  
2009–2010 **MA**, *Sheffield University*, Distinction.  
Philosophy  
2006–2009 **BA**, *Oxford Brookes University*, First Class.  
Philosophy

## Areas of specialisation

Logic, metaphysics, philosophy of mathematics.

## Areas of interest

Metaphilosophy, epistemology, philosophy of language.

## Papers

- 2024 **Truth and Finite Conjunction** (with Leon Horsten and Guanglong Luo), *Mind*, 133 (532): 1121–1135  
2024 **No Easy Road to Impredicative Definabilism** (with Øystein Linnebo), *Philosophia Mathematica*, 32 (1): 21–33  
2023 **Hume's Principle, Bad Company, and the Axiom of Choice** (with Stewart Shapiro), *The Review of Symbolic Logic*, 16 (4) 1158–1176  
2022 **Pluralities as Nothing Over and Above**, *Journal of Philosophy*, 119 (8) 405–424  
2020 **Classless**, *Analysis*, 80(1), 76–83  
2019 **Modal Structuralism and Reflection**, *The Review of Symbolic Logic*, 12 (4), 823–860  
2017 **A Strong Reflection Principle**, *The Review of Symbolic Logic*, 10 (4), 651–662  
Submitted **Ultimate  $V$** .  
Submitted **Forcing in Second-order Logic** (with Peter Fritz)  
In preparation **Sets as Structures**.  
In preparation **The Iterative Conception of Properties**.  
In preparation **A Potential Hierarchy of Properties**, (slides on website)  
In preparation **Possibilities for Sets**, (early draft on website)  
In preparation **Potentialism and the Broadest Necessity**.  
In preparation **Reflection Principles: a Survey**.  
In preparation **Properties and Truth**.  
In preparation **Reinhardt's Potentialism**.

## Talks

- 2025 **Copernican approaches to classes**, 30–31st May, Oslo, invited.  
How to be a copernican about properties

- 2024 **Formal methods in metaphysics**, *18-20th September*, Konstanz, invited.  
Potentialism and the broadest necessity
- 2024 **Forcing fest, Vol. 1: Posets**, *21st June*, Oslo, invited.  
Possibilities for sets: forcing for philosophers
- 2024 **Infinity and intensionality colloquium**, *2nd April*, Oslo, invited.  
A potential hierarchy of properties
- 2024 **Workshop on the philosophy of mathematics**, *18-20th March*, Pisa, invited.  
A potential hierarchy of properties
- 2023 **Actualism and potentialism**, *28-29th September*, Konstanz.  
What is actualism?
- 2023 **MLAM@10: 10 Years of “Modal Logic as Metaphysics”**, *21-23rd September*, Hamburg, invited.  
A potential hierarchy of properties
- 2023 **Leon Horsten’s Doctoral Seminar**, *28th April and 5th May*, Konstanz, invited.  
Possibilities for sets: forcing for philosophers
- 2023 **What can philosophy do for set theory?**, *29-31st March*, Barcelona, invited.  
Sets as structures
- 2023 **Generative metaphysics and the philosophy of mathematics**, *2-3rd March*, Oxford, invited.  
A potential hierarchy of properties
- 2023 **Infinity and Intensionality Colloquium**, *25th January*, Oslo, invited.  
Actualism and potentialism
- 2022 **Formal Ontology of Mathematical Objects**, *27-28th May*, Konstanz, invited.  
Is mathematics determinate?
- 2021 **Munich - Konstanz Workshop on Philosophy of Mathematics/Logics**, *19-20th November*, Munich, invited.  
Might it be indeterminate what pluralities there are?
- 2021 **Barcelona Set Theory Seminar**, *21st April*, Online, invited.  
Reinhardt’s potentialism
- 2021 **UNICAMP-Konstanz Philosophy of Set Theory Seminar**, *18th March*, Online, invited.  
Reinhardt’s potentialism
- 2020 **Varieties of potentialism**, *23rd September*, Oslo, invited.  
Ultimate  $V$
- 2019 **FSB research seminar**, *1st November*, Bristol, invited.  
Ultimate  $V$
- 2019 **Philosophy of mathematics seminar**, *28th October*, Oxford, invited.  
Ultimate  $V$
- 2019 **Second-order logic and the question of (im)predicativity**, *20-21st August*, Oslo, invited.  
Properties, propositions, and grounding
- 2019 **Higher-order metaphysics**, *17-18th June*, Birmingham, refereed.  
The iterative conception of properties
- 2019 **Logic in London I**, *30-31st May*, London, invited.  
Property theory and ideological expansion, joint talk with Øystein Linnebo
- 2019 **Formal concepts mini-workshop**, *15th March*, Oslo, invited.  
Sets as structures
- 2018 **Oslo logic seminar**, *11th November*, Oslo, invited.  
Forcing as a model of possibility
- 2018 **Necessary beings: a conference in memory of Bob Hale**, *15-16th October*, London, invited.  
Hale on properties: the question of definability
- 2018 **Varieties of mathematical abstraction**, *1-3rd August*, Vienna, refereed.  
The iterative conception of properties

- 2018 **Forcing and philosophy**, 18-19th January, Konstanz, invited.  
Pluralities and sets in the multiverse
- 2017 **Kurt Gödel research center seminar**, 5th May, Vienna, invited.  
The iterative conception of properties
- 2016 **Logic colloquium 2016**, 1st August, Leeds, refereed.  
A strong reflection principle
- 2016 **ConceptLab research Seminar**, 3rd June, Oslo, invited.  
A strong reflection principle
- 2016 **FSB research Seminar**, 1st March, Bristol, invited.  
A strong reflection principle
- 2016 **Ninth annual Cambridge graduate conference on the philosophy of mathematics and logic**, 17th January, Cambridge, refereed.  
Potentialism and second-order comprehension
- 2015 **Workshop on modality and set theory**, 20th August, Oslo, invited.  
Modal structuralism and reflection
- 2015 **Bristol-Leuven workshop**, 27th January, Bristol, invited.  
Structural reflection
- 2014 **FSB research seminar**, 11th November, Bristol, invited.  
Reinhardt's view of the universe of sets
- 2013 **Work in progress seminar**, 9th December, Irvine, invited.  
Reflection principles and intrinsic justification
- 2013 **Necessity, analyticity, and the a priori**, 10-11th June, Oslo, invited.  
Potentialism and second-order comprehension
- 2013 **Postgraduate conference in the philosophy of logic and mathematics**, 23rd February, Bristol, invited.  
Some remarks on a property theory
- 2012 **Göteborg-Oslo workshop on philosophical logic**, 30th November, Oslo, invited.  
Comparing two property theories
- 2012 **Oslo logic seminar**, 11th October, Oslo, invited.  
Modal structural reflection principles
- 2012 **Reflection principles in set theory**, 19th March, Oxford, invited.  
Reflection principles: tracking parameters, and inconsistency
- 2010 **Conference on the foundations of logical consequence**, 14th June, St. Andrews, refereed.  
Acceptance and admissibility in Beall and Restall's logical pluralism

## Teaching

### Undergraduate

- Konstanz **Philosophy of Mathematics**, Summer 2025.  
**Vagueness and Indeterminacy**, Winter 2024.  
**Paradoxes: Truth, Infinity, and Time Travel**, Summer 2024.  
**Modality and Modal Logic**, Winter 2023.  
**Introduction to Metaphysics**, Summer 2023.  
**Paradoxes: Truth, Infinity, and Time Travel**, Winter 2022.  
**Introduction to Philosophical Method**, Winter 2022.  
**Timothy Williamson's Vagueness**, Summer 2022.  
**David Lewis's On the Plurality of Worlds**, Summer 2021.  
**Paradox, Infinity, and Generality**, Summer 2021.  
**Vagueness and Indeterminacy**, Winter 2020.  
**Higher-order Metaphysics**, Summer 2020.

Bristol **Introduction to Formal Logic Seminar**, 2015.

Seminar leader.

Oslo **Introduction to Logic Seminar**, 2013.

Seminar leader.

### Graduate

UW-Madison **Higher-Order Logic for Philosophers**, Fall 2025.

Konstanz **Topics in Contemporary Metaphysics**, Summer 2025.

**Philosophical Methodology**, Winter 2024.

**Properties, Propositions, and Relations**, Summer 2024.

**Topics in Contemporary Metaphysics**, Winter 2023.

**Philosophy of Mathematics**, Summer 2023.

**Morality and Mathematics**, Summer 2022.

**Philosophical Methodology**, Winter 2021.

**Higher-order Logic and Philosophy**, Winter 2020.

**Absolute Generality**, Summer 2020.

Oslo **Logic and the Philosophy of Language**, Winter 2018.

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### Academic service

2020–2025 Co-organiser, Doctoral Seminar for Leon Horsten's group, Research seminar hosting talks by international speakers, University of Konstanz

2024 Conference organiser, Formal methods in metaphysics, International workshop, hosted by the University of Konstanz, September 18-20th

2023 Conference organiser, Actualism and potentialism, International workshop, hosted by the University of Konstanz, September 28-29th

2013 Conference organiser, Necessity, analyticity, and the a priori, International workshop, hosted by the University of Oslo, June 10-11th

2012 Conference organiser, Reflection principles in set theory, International workshop, hosted by the University of Oxford, March 19-20th

**Reviewer**, *Analysis*, *the Review of Symbolic Logic*, *Mind*, *Journal of Philosophy*, *Nous*, *Philosophy and Phenomenological Research*, *Synthese*, *Philosophia Mathematica*, *Erkenntnis*, *Philosophical Studies*, *Studia Logica*, *Bulletin of Symbolic Logic*, *Notre Dame Journal of Formal Logic*, *Journal of Philosophical Logic*, *Canadian Journal of Philosophy*, and *Theoria*.