

Alex Kavvos

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EDUCATION

- 2013-2017 St John's College and Department of Computer Science, University of Oxford
DPhil in Computer Science
- Supervisor: Prof Samson Abramsky
 - Title: On the Semantics of Intensionality and Intensional Recursion
- 2009-2013 University College, University of Oxford
MCompSci Computer Science
- First class. Awarded the *Hoare Prize* twice, for achieving the top first ("best overall performance") once for 2nd/3rd and once for 4th year exams. Awarded a *Scholarship* by University College (2011-2013).
 - 3rd year project: Implementing 0-CFA for Higher-Order Functional Programming Languages. Supervisor: Prof Luke Ong.
 - 4th year project: Theories of Computer Viruses. Supervisor: Prof Samson Abramsky.
- 1997-2009 Hellenic American Educational Foundation
Athens College & Psychico College
International Baccalaureate Diploma; achieved 45/45 points.

APPOINTMENTS

- 2014-2017 University College, Oxford
Non-Stipendiary College Lecturer
- 2014-2016 University College, Oxford
Admissions Interviewer
- 2013-2017 Department of Computer Science, University of Oxford
Graduate Tutor

WRITINGS AND PRESENTATIONS

CONFERENCE PAPERS (PEER-REVIEWED)

1. Kavvos, G. A. (2017). On the Semantics of Intensionality. Accepted for presentation at the 20th International Conference on Foundations of Software Science and Computation Structures (FoSSaCS 2017) (acceptance rate: 31.6%). Available as arXiv:1602.01365.
2. Kavvos, G. A. (2017). Dual-context Calculi for Modal Logic. Accepted for presentation at the 32nd Annual ACM/IEEE Symposium on Logic in Computer Science (LICS 2017). Available as arXiv:1602.04860.
3. Kavvos, G. A. (2017). Intensionality, Intensional Recursion, and the Gödel-Löb axiom. Accepted for presentation at the 7th workshop on Intuitionistic Modal Logic and Applications (IMLA 2017). Available as arXiv:1703.01288.

PRE-PRINTS

1. Kavvos, G. A. (2016). Kleene's Two Kinds of Recursion. Available as arXiv:1602.06220. *Submitted.*
2. Kavvos, G. A. (2016). The Many Worlds of Modal λ -calculi: I. Curry-Howard for Necessity, Possibility and Time. Available as arXiv:1605.08106.

TALKS

- Kavvos, G. A. (2017). A Type-Theoretic Alternative to LISP. Talk at the 11th Panhellenic Logic Symposium (Delphi, Greece).
- Kavvos, G. A. (2017). A Type-Theoretic Alternative to LISP. Talk at TYPES 2017 (Budapest, Hungary).

SEMINARS

- Kavvos, G. A. (2017). On the Semantics of Intensional Recursion. Seminar at the University of Sussex (15 February 2017).

OTHER PROFESSIONAL ACTIVITIES

- Co-organiser of the Strachey 100 centenary conference, celebrating the life and research of Christopher Strachey. (<http://www.cs.ox.ac.uk/strachey100>)
- Reviewer for PEPM 2017.
- Participation at events: TYPES 2017; ETAPS 2017; International Summer School on Metaprogramming (Robinson College, Cambridge, 2014); Homotopy Type Theory Workshop (Oxford, 2014); Prakashfest (2014); Midlands Graduate School (2014); Samson@60 (2013).

TEACHING

Department of Computer Science, University of Oxford (2013–2015).

- I taught and marked work for departmental classes.
- TA for *Computer Security* (3rd year course, 2013).
- Class Tutor and TA for *Advanced Security* (4th year/MSc course, 2014 & 2015).

University College, Oxford (2013–2017)

- Tutored students reading for degrees in Computer Science (and joint schools), first on a casual basis and then as a non-stipendiary College Lecturer.
- Interviewed students for admission to the undergraduate degree.
- Some involvement in pastoral support.
- Tutored 10 subjects: Functional Programming; Linear Algebra; Discrete Mathematics; Imperative Programming; Object-oriented Programming; Design and Analysis of Algorithms; Logic and Proof; Models of Computation; Lambda Calculus and Types; Categories, Proofs and Processes.

Worcester College, Oxford (2016–2017)

- Tutored a visiting student in Principles of Programming Languages, and Lambda Calculus and Types.

REFERENCES

Prof Samson Abramsky
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[teaching reference at University College]
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