

CURRICULUM VITAE

GARETH BOXALL

1. PERSONAL DETAILS

Date of Birth: 5 December 1979

Place of Birth: Western Cape, South Africa

Email addresses: gboxall@sun.ac.za; garethjb@gmail.com

Current position: Senior Lecturer in the Department of Mathematical Sciences (Mathematics Division) at Stellenbosch University (since January 2016)

Previous positions:

- Lecturer in the Department of Mathematical Sciences (Mathematics Division) at Stellenbosch University (April 2013 - December 2015)
- Lecturer in the School of Mathematics at the University of the Witwatersrand (January 2012 - March 2013)
- Claude Leon Postdoctoral Fellow in the Department of Mathematical Sciences at Stellenbosch University (September 2010 - December 2011)
- Research Fellow in Model Theory at the University of Leeds (September 2009 - August 2010)

Research area: Model theory, a branch of mathematical logic, and related areas.

2. QUALIFICATIONS

- Doctor of Philosophy, University of Leeds, September 2009.
- Master of Science, University of Cape Town, December 2005, with distinction.
- Bachelor of Science (Honours), University of Cape Town, December 2002, first class.
- Bachelor of Arts, University of Cape Town, December 2000, with distinction and with distinctions in English and Mathematics.

3. AWARDS

- Y1 rating from the National Research Foundation of South Africa (decided in 2014).

4. PAPERS

- Rational values of entire functions of finite order (joint with Gareth Jones), *International Mathematics Research Notices*, 2015: 12251 – 12264, 2015.
- Algebraic values of certain analytic functions (joint with Gareth Jones), *International Mathematics Research Notices*, 2015: 1141 – 1158, 2015.

Date: February 4, 2016.

- Weak one-basedness (joint with David Bradley-Williams, Charlotte Kestner, Alexandra Omar Aziz and Davide Penazzi), *Notre Dame Journal of Formal Logic*, 54: 435 – 448, 2013.
- Expansions which introduce no new open sets (joint with Philipp Hieronymi), *Journal of Symbolic Logic*, 77: 111–121, 2012.
- NIP for some pair-like theories, *Archive for Mathematical Logic*, 50: 353–359, 2011.
- Connected and disconnected maps (joint with David Holgate), *Applied Categorical Structures*, 19: 301–319, 2011.

5. THESES

- PhD thesis (Leeds, supervised by Anand Pillay): “Lovely pairs and dense pairs of real closed fields”
- MSc dissertation (UCT, supervised by David Holgate): “Generalising the concordant-dissonant factorisation”

6. PROFESSIONAL ACTIVITIES

- Charlotte Kestner and I organised a conference on model theory at Stellenbosch in March 2015. Funding was provided by the National Research Foundation (of South Africa), the Association for Symbolic Logic and the Rubbi Fund.
- In 2014 and again in 2015, I gave an intensive three-week course on model theory at the African Institute for Mathematical Sciences (South Africa).
- I have acted as a referee for the following journals: AMS Proceedings, the Journal of Symbolic Logic, Annals of Pure and Applied Logic, Mathematical Logic Quarterly and Quaestiones Mathematicae.
- I am a member of the Association for Symbolic Logic’s committee for Logic in Africa.
- I have acted as an external examiner for the University of the Witwatersrand, the University of Johannesburg and the University of Cape Town.

7. SOME TALKS

- Non-forking formulas in distal NIP theories (Logic Colloquium 2015 - European Summer Meeting of the Association for Symbolic Logic, Helsinki, August 2015)
- Rational values of entire functions of finite order (Model Theory Conference, Stellenbosch University, March 2015)
- Rational values of entire functions of finite order (AIMS - Stellenbosch University Number Theory Conference, January 2015)
- Algebraic points on certain analytic functions (Model Theory Seminar, University of Leeds, September 2012)
- Weak one-basedness for theories with finite thorn-rank (Oxford University, January 2012)
- Weak one-basedness (Recent Developments in Model Theory, Oléron, France, June 2011)

- Expansions which introduce no new open sets (Université Claude Bernard Lyon 1, October 2009)
- Lovely pairs of fields (Association for Symbolic Logic Annual Meeting, University of Notre Dame, May 2009)
- Some results on lovely pairs of geometric structures (Logic Seminar, Oxford University, February 2009)
- Lovely pairs of models of a thorn rank one theory (Meeting on Stability Theoretic Methods in Unstable Theories, Banff International Research Station, February 2009)
- Superrosiness, NIP and imaginaries in lovely pairs of geometric structures (Logic Seminar, University of Manchester, February 2009)