

Lee A. Butler

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Date of Birth: 20 March, 1985

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Education

MMath first class (Hons.), University of Warwick, 2007.

Final year project: Transcendence and irrationality proofs. *Supervisor:* Dr Samir Siksek.

Fields of Interest

Number theory, Model theory, O-minimal geometry.

Conferences and Schools

Attended

Summer School in Analytic Number Theory and Diophantine Approximation, Ottawa, 2008.

CNTA X, Waterloo, 2008.

Heilbronn Annual Conference, Bristol, 2008.

Hans Heilbronn 100th Birthday Meeting, Bristol 2008.

26èmes Journées Arithmétiques, Saint-Étienne, 2009.

New Directions in the Model Theory of Fields, Durham, 2009.

Heilbronn Annual Conference, Bristol, 2009.

Anglo-Belgian Workshop in Model Theory and Applications, Mons, 2009.

Geometric Model Theory, Oxford, 2010.

LMS and EPSRC Short Instructional Course - Model Theory, Leeds, 2010.

9th London-Paris Number Theory Seminar, Paris, 2010.

Organised

MINGLE Conference, Bristol, 2009.

Talks

'On transcendence', at the Second TCC Number Theory Day, University of Oxford, 2008.

'Wilkie's conjecture for definable curves', Logic Advanced Class, University of Oxford, 2011.

Research

Working Papers and Papers Under Review

Some cases of Wilkie's conjecture (submitted).

Resolutions of definable sets (prepared).

Teaching Experience

University of Warwick

First year supervisor, Analysis and Linear Algebra, 2006–2007.

University of Bristol

Teaching support assistant (Taught Course Centre technical support), 2008–present.

First year tutor, Pure mathematics, 2010–present.

Workshops attended

Supporting postgraduates who teach mathematics and statistics, *by* The Maths, Stats & OR Network.

Awards

Gratton Mathematics Prize, 2003.

Prize for outstanding MMath dissertation, University of Warwick, 2007.

References

Dr Jonathan Pila
Reader in Mathematical Logic
University of Oxford
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Prof. Trevor Wooley
Professor of Pure Mathematics
University of Bristol
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<http://www.maths.bris.ac.uk/malab/cv.pdf>