

Education

- current Ph.D. at the University of Edinburgh under Dr. Antony Maciocia.
Expected submission in April 2012.
- 2008 CASM - *Certificate of Advanced Studies in Pure Mathematics* (a.k.a. Part III)
from Cambridge University.
- 2007 BSc. (with Honours) in Mathematics from the University of Edinburgh.

Research

- current *Derived Categories of Coherent Sheaves* under Dr. Antony Maciocia.
- 2008 Part III essay: *K3 surfaces* under Dr. Alexei Kovalev.
- 2007 *Classification of Surfaces* under Prof. Andrew Ranicki.
- 2006 *Consequences of Baire's Category Theorem* under Prof. James Wright.

Attended Conferences

- 2009 Geometry and Physics: Atiyah80, ICMS, Edinburgh.
- 2009 Categorification and Geometrisation from Representation Theory, ICMS, Glasgow
- 2008 First Cuban Congress on Symmetries in Geometry and Physics,
University of Havana, Cuba.
- 2008 Higher Dimensional Algebraic Geometry: Classification, Minimal Models,
Fano Varieties and Stacks, ICMS, Edinburgh.

Prizes

- 2008 *Small Project Grant*: awarded by the University of Edinburgh Trust Campaign to attend
the 'First Cuban Congress'.
- 2006/2007 *Arthur Erdelyi Prize*: for exceptional merit in my final years at Edinburgh;
came third overall out of a class of 50.
- 2003-2007 *Norman Hutchison Bursary for Mathematics*: given to students who show mathematical
potential at school.
- 2006 *Maple Computation & Communication Prize*: for a presentation on 'Pollard's Rho
Method: Prime Decomposition' delivered to an audience from Data Connections Ltd.

Teaching

- 2008/2009 Tutoring undergraduate courses at Edinburgh: Applicable Mathematics 1 & 2 and Meth-
ods of Mathematics 1 & 2. I am also a grader for the fourth year topology course.