

Sarunas Kaubrys

Curriculum Vitae

+447398470974
s1650391@sms.ed.ac.uk

Education

- 2021–Present **University of Edinburgh, Edinburgh, UK**, *PhD in Mathematics*, Supported by Carnegie Scholarship, Supervised by Ben Davison and Pavel Safronov.
- 2020–2021 **University of Cambridge, Cambridge, UK**, *Part III in Pure Mathematics Merit*, Supported by Roger Needham scholarship Wolfson College.
- 2016–2020 **University of Glasgow, Glasgow, UK**, *BSc in Mathematics First Class Honours*.

Research Interests

Cohomological Donaldson-Thomas theory, derived algebraic geometry, geometric representation theory.

Work Experience

- January– 2022 **University of Edinburgh tutor**
- June–July 2020 **University of Glasgow summer school tutor**
- July–August 2019 **Team research project with University Of Glasgow Analysis Group on operator algebras**
- July 2019 **LMS summer school 2019**
- June–August 2018 **STFC ISIS summer studentship project**

University Prizes

- Masters 2021 Jennings prize from Wolfson college for accomplishments during Masters programme
- Fourth Year 2020 Janet R McAulay prize for performance in final year exams and the Weiglhofer prize for best honours project
- Third year 2019 Cunninghame medal and prize for most distinguished student in mathematics and C E Strachan Will Trust Scholarship for most distinguished Science student in the College of Science and Engineering.
- Second year 2018 Matthew A Muir Bursary and Dougall prize for top students in mathematics.
- First year 2017 Cleland medal and Ewing prize for most distinguished physics student, Dougall prize for top students in mathematics.

Publications and talks

- 2020 ***The Cuntz-Toeplitz algebras have nuclear dimension one***, *J. Funct. Anal.* 279 (2020), Issue 7.
- 2023 April **Vertex and Hall algebras workshop, Skye**, *BPS Lie algebra*.
- 2022 October **DT theory workshop , Aussois**, *DT invariants after Behrend*.
- 2022 April **EGRET seminar, University of Edinburgh**, *Global DT sheaf and lens spaces*.
- 2022 March **Stable envelopes reading group, University of Edinburgh**, *Nakajima quiver varieties*.
- 2022 February **Affine springer theory reading group, University of Edinburgh**, *Affine springer fibres*.
- 2022 February **Graduate student seminar, University of Edinburgh**, *Towards loop spaces in algebraic geometry*.
- 2021 November **Junior algebra seminar, University of Cambridge**, *Quivers, the Ringel-Hall algebra and the cohomological Hall algebra*.
- 2021 October **GLAMS examples seminar, University of Edinburgh**, *Sheaf theory via differential equations*.

2021 October **Perverse schobers seminar, University of Edinburgh**, *Constructible sheaves, their derived category, perverse sheaves.*