Thamsanqa Castern Moyo, Ph.D.

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Employment History

 2022 - Postdoctoral Researcher. TU Clausthal, Institute of Mathematics, Germany. Teaching assistant: Functional Analysis.
2019-2022 Teaching Assistant. Heriot-Watt University & University of Edinburgh. 2022: F10MP: PDEs, F17XB: Mathematics for Engineers and Scientists, Heriot Watt. 2021-2022: SMSTC; Continuum Mechanics (CDT course), UoE and Heriot-Watt. 2020-2021: F18CD; Multivariable Calculus and Real Analysis, F18CF; Linear Algebra, F18NA; Numerical Analysis A, F19MO; ODEs, Heriot-Watt 2019-2020: F17SG; Mathematics for scientist 1, F17SI; Introductory Mathematics A, F17XB; Mathematics for Engneers and Scientists 2, Heriot-Watt.

Education

| 2018 – 2022 | 📕 Ph.D., Heriot-Watt University & University of Edinburgh |
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| | Thesis title: Dissipative solutions to the stochastic Euler equations. |
| 2014 – 2018 | B.Sc. Mathematics, University of Dundee |
| | Grade: first class. |

Research Publications

Journal Articles

D. Breit and T. C. Moyo, "Dissipative solutions to the stochastic Euler equations," *Journal of Mathematical Fluid Mechanics*, vol. 23, pp. 1–23, 2020.

In proceedings

T. C. Moyo, "Dissipative solutions and Markov selection to the complete stochastic Euler system," 2021.

Conference & Workshops

2022 **International Congress of Mathematicians** (ICM), Imperial college London.

2021 International Centre for Mathematical Sciences (ICMS), University of Edinburgh. Convex Integration and Nonlinear Partial Differential Equations.

2019 University of Warwick. Joint CDT Colloquim, Interplay of Probability, statistics and Analysis.

References

Available on Request