

Nahzaan Riyaz

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Current position

2021 - *Doctoral Research Student* in Physics
Supervised by Prof. Daniel Litim

AREA(S) OF SPECIALISATION

Quantum Field Theory [Theoretical Physics]; Fixed points of particle physics, (functional) renormalisation group.

Education

2021 → DPHIL in Physics, University of Sussex
2019 → 2020 MSc in Theoretical Physics, University of Edinburgh
2016 → 2019 BSc in Physics with Theoretical Physics, King's College London
2013 → 2015 A LEVEL in Physics, Maths, Chemistry etc. Centre for Higher Secondary Education (CHSE)

Seminars/Workshops/Conferences

15→17/12/21 *Asymptotic Safety meets Particle Physics* (Speaker)
Topic: "Mergers in gauge-Yukawa Theories @ 432"

Research experience

2021 *PDF Factorizations in EFT*
Supervised by Prof. Luigi Del Debbio (University of Edinburgh)
Short term research project

2020 *A Composite Higgs Doublet from the CCWZ Approach*
Supervised by Prof. Luigi Del Debbio (University of Edinburgh)
Dissertation in Theoretical Physics

2019 *Gravitational Waves from Non-Axisymmetric Neutron Stars*
Supervised by Prof. Mairi Sakellariadou (King's College London)
Third year project

2018 *CMB Perturbations*
Supervised by Prof. Malcolm Fairbairn and Dr. Diego Blas (King's College London)
Supported by the King's Undergraduate Research Fellowship (KURF)

Awards & honours

2018 *King's Undergraduate Research Fellowship (KURF)* - King's College London