

# Joseph Jones

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## EDUCATION

**Postgraduate** 2022 - present

PhD Theoretical Physics

Thesis: Statistical physics perturbation theory. *The University of Birmingham*

**Undergraduate** 2018- 2022

MSci Theoretical Physics, first class 4.25 GPA

Thesis: Phase transitions in the square lattice clock model. *The University of Birmingham*

## AWARDS

**Nolan Merrill prize** 13/07/2022

*The University of Birmingham*

Best Year 4 project (Theoretical Physics).

**MSci Moreton prize** 13/07/2022

*The University of Birmingham*

Second overall MSci graduating student (Physics).

**School's Physicist of the Year 2017** 06/07/2017

*The Ogden Trust*

For consistent hard work and commitment in my studies.

## SKILLS

*Languages* English (fluent), Italian (basic), French (basic).

*Software* Python, git, L<sup>A</sup>T<sub>E</sub>X, Wolfram Mathematica, MS Office.

## PUBLICATIONS

*Papers*

- Statistical physics perturbation theory: with application to the Ising model. In preparation.

## TALKS AND POSTERS

*Seminars*

Invited: Statistical Physics Perturbation Theory, 2024-02-16 at Imperial College London.

*Posters*

- Multiple contributed posters at conferences around the UK during my PhD about statistical physics perturbation theory and its application to the Ising model.

## **REFERENCES**

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Dr. Martin W. Long [M.W.Long@bham.ac.uk](mailto:M.W.Long@bham.ac.uk)