

# Alistair J. Chopping

## Curriculum Vitae

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**Durham University**  
**Department of Mathematical Sciences**  
Mathematical Sciences & Computer Science Building  
Upper Mountjoy Campus  
Stockton Road  
Durham, UK  
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*I am currently a PhD student under the supervision of Dr Charlotte Sleight, in the Department of Mathematical Sciences at Durham University. I am interested in holography and the cosmological bootstrap, and a description of my project can be found at <https://gtr.ukri.org/projects?ref=studentship-2567207>.*

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## Education

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- **PhD Mathematical Sciences - Theoretical Physics.** *October 2021- Present*  
Department of Mathematical Sciences, Durham University, UK.

Supervisor: *Dr Charlotte Sleight.*  
Funded by an STFC Studentship.

- **MPhys (Hons) Theoretical Physics.** *September 2017 - June 2021.*  
Department of Physics, Swansea University, UK.

**Grade:** 1st Class Honours, 89% Average.  
**MPhys Thesis:** *Black Holes and The Information Loss Paradox.*  
Supervisors: *Professor Timothy Hollowood & Professor S. Prem Kumar.*

Grades include:  
100% in Quantum Mechanics II, Mathematical Methods I and Physics Simulation,  
99% in Statistical Physics and Foundations of Astrophysics,  
94% in Advanced Particle Physics,  
92% in General Relativity,  
89% in Quantum Field Theory.

## Honours & Awards

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- PM Davidson Prize for Master's Level Research in Theoretical Physics *2021.*  
Swansea University, UK.

## Attended Conferences/Schools

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- June 2022 - North British Mathematical Physics Seminar  
University of York, UK.
- May 2022 - Higgs Centre School of Theoretical Physics  
University of Edinburgh, UK.

## Additional Information

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- **Computing Skills**

*Programs & Programming* - Good knowledge of L<sup>A</sup>T<sub>E</sub>X & Microsoft Office. Knowledge of *Mathematica*. Previous knowledge of Python from several undergraduate courses.

*Operating Systems* - Good knowledge of Microsoft Windows.

- **Languages**

Modern Greek - Elementary Proficiency.

## Referees

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- **Professor Carlos Núñez**, Department of Physics, Swansea University, UK.  
E-mail: c.nunez@swansea.ac.uk.
- **Professor Timothy J. Hollowood**, Department of Physics, Swansea University, UK.  
E-mail: t.hollowood@swansea.ac.uk.