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School of
PHYSICS

‘Taking the planet into uncharted territory: what climate models can tell us about the future.’

Monday 30th October, 3pm, Mott Lecture Theatre

Rapid human emissions of greenhouse gases are changing Earth's climate beyond anything observed for millions of years. In this talk I will explain the basics of climate modelling and show how models have been used as, first, a computational laboratory to explore how the climate system works and explain why our climate is changing, and, second, how models are used to look into future and help us decide how best to mitigate and adapt to climate change. At the end I will outline the scientific and technical frontiers in advancing climate modelling and delivering climate information for all.

The Colloquium will be followed by tea and coffee in the staff common room. For further details please contact phys-exec-office@bristol.ac.uk

Physics Colloquium Autumn/ Winter Term 2023