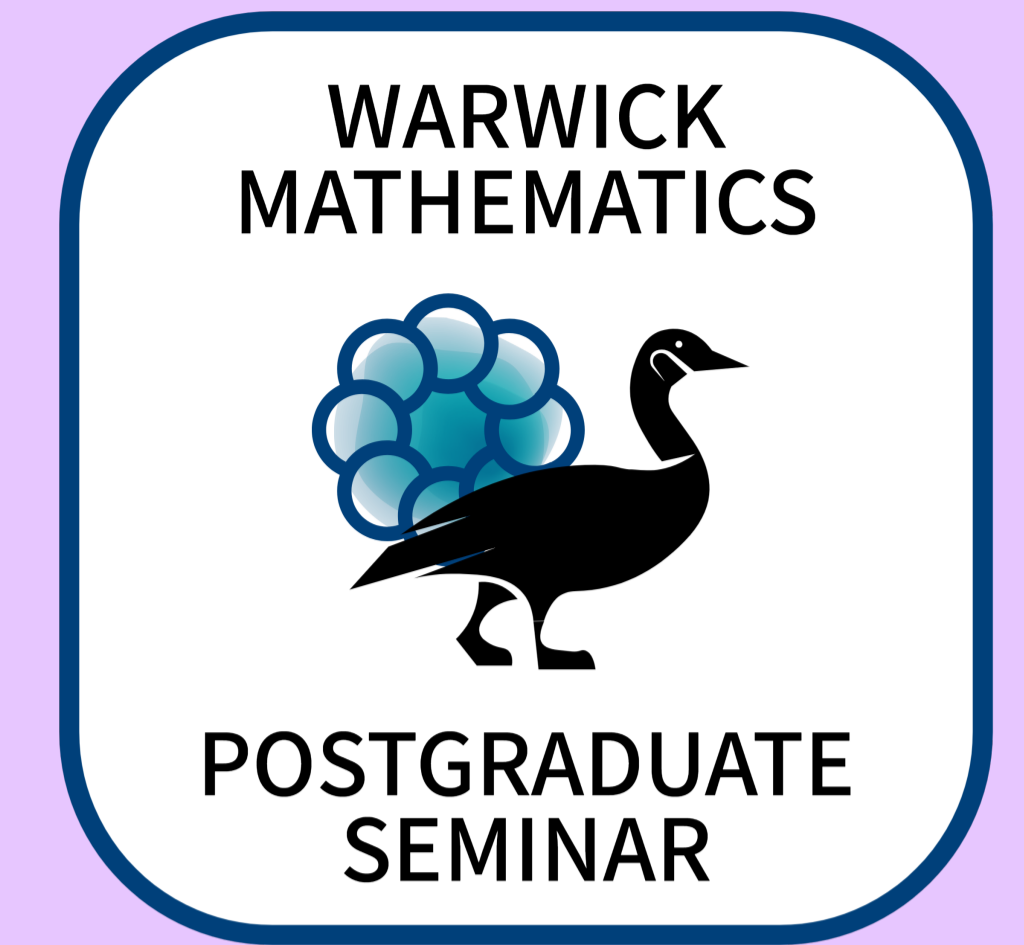


Fourier analysis for rarefied gas flows

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Week 1 - Term 2



Abstract

Fourier analysis is widely used in applied mathematics, engineering and physics. In this talk, we explain how it can be used to derive some new exact solutions for non-equilibrium rarefied gas flows.

These flows fall into a regime which is inaccessible both to the Boltzmann and Navier-Stokes equations, so a different set of equations must be used known as the Grad equations.

Time

12 pm, 11th
January 2023

Location

Room B3.02

Organisers

Alvaro Gonzalez Hernandez
Katerina Santicola