



Applied and Computational Mathematics Seminar

Title: Geometric Hydrodynamics and the Generalized SQG Equations

Speaker: Patrick Heslin (Maynooth University)

Date: Wed 11th October 2023 at 11:00AM

Location: To be announced

Abstract: In the 1960s V. Arnold developed a beautiful Riemannian geometric approach to ideal hydrodynamics. I will review this construction and present current work relating to the generalized surface quasi-geostrophic equations.

<https://maths.ucd.ie/ACMSeminars/2324/>