

## The Dynamics of Rotating Fluids, Friday 6th January 2023

A meeting on the above theme will be held on Friday 6th January 2023 in the Harrie Massey lecture theatre (1st Floor of Mathematics / Students Union building). The programme is as follows:

**1.20pm Peter Read (Oxford)**

*Observing Geostrophic Turbulence on Saturn*

**1.40pm Darryl Holm (Imperial)**

*Modelling GFD using stochastic transport velocity*

**2.00pm Michael Ewetola (UCL)**

*The effect of intermittent wave forcing on the quasi-biennial oscillation*

**2.20pm Pauline Tedesco (Imperial)**

*Spatio-temporal characteristics of winter mixed layer turbulence in an energetic oceanic zone*

**2.40pm Cheng Qian (Oxford)**

*Energetic Constraints on Baroclinic Eddy Heat Transport in a Rotating Annulus*

**3.00pm TEA / COFFEE**

**3.30pm Jamie Meacham (Imperial)**

*Garbage Patches and Marine Life: Buoyant Tracer Clustering as a Mechanism for Increased Mutual Reactivity*

**3.50pm Chen Wang (Exeter)**

*An analytical study of the MHD clamshell instability on a sphere*

**4.10pm Pavel Berloff (Imperial)**

*Dynamically consistent eddies: New target for parameterizations?*

**4.40pm Vladimir Zeitlin (LMD)**

*Magnetic modons in shallow-water magnetohydrodynamics*

**5.00pm Close**

Maps of the UCL site and surrounding area can be found at <http://www.ucl.ac.uk/maps>.

All are welcome. Further details can be obtained by e-mailing Gavin Esler:

[j.g.esler@ucl.ac.uk](mailto:j.g.esler@ucl.ac.uk) or Matthew Crowe [m.crowe@ucl.ac.uk](mailto:m.crowe@ucl.ac.uk). Please feel free to forward this to anyone who may be interested.