School of Mathematics and Statistics
Research Day 21st January 2021
Talks on Teams

10.00: David Dritschel — Geostrophic adjustment of a shallow-water flow on the surface of a rotating spherical earth.

10.30: Sara Hamis — Mathematical modelling elucidates synergistic treatment responses to dabrafenib-trametinib combination therapies in BRAF-mutant melanoma.

11.00 - 11.30: Coffee break

11.30: Natalia Jurga — On the convergence rate of the chaos game.

12.00: Vasilis Archontis — Our Star, The Sun: Observations, Theory and Numerical Simulations.

12.30 - 14.00: Lunch break

14.00: Valentin Popov — Trend shifts in road traffic collisions: An application of Hidden Markov Models and Generalised Additive Models to assess the impact of the 20mph speed limit policy in Edinburgh.

14.30: Yoav Len — Tropical Algebra and the geometry of tangent lines.

15.00 - 15.30: Tea break

15.30: Carl Donovan — Greener on the other side - on the optimality of greening calculations in P2P gambling.

16.00: Deborah Kent — Mathematics at The Old Course: P.G. Tait and the Magnus Effect.

16.30: Drinks and possibly nibbles