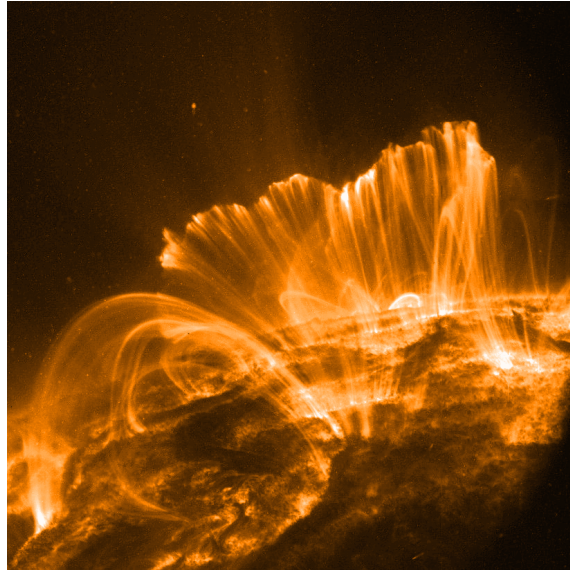
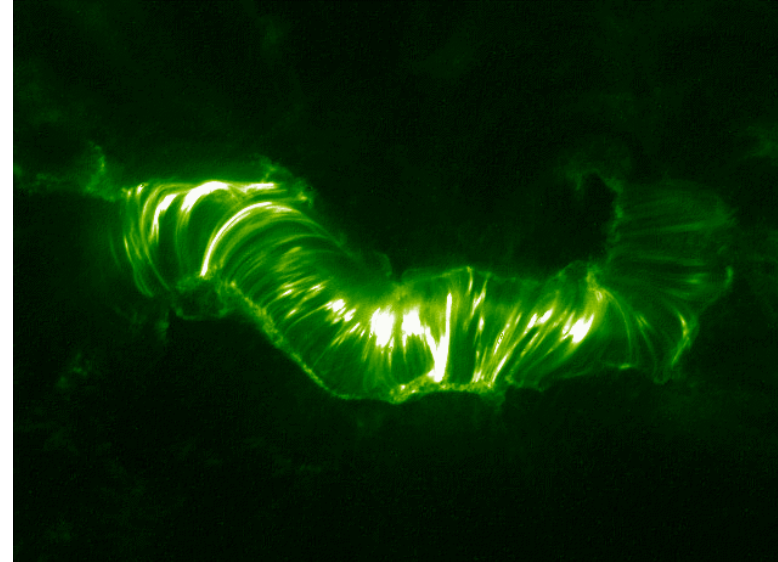


Magnetic Field Topology in Plasmas

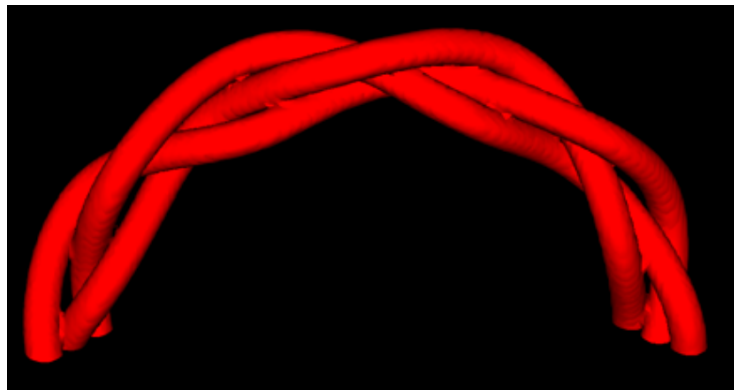
Simon Candelaresi



(Trace)



(Trace)



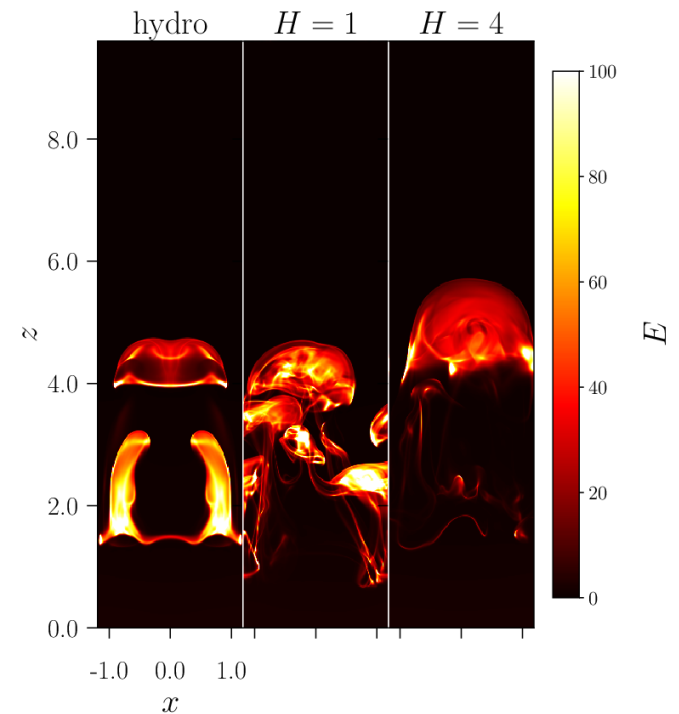
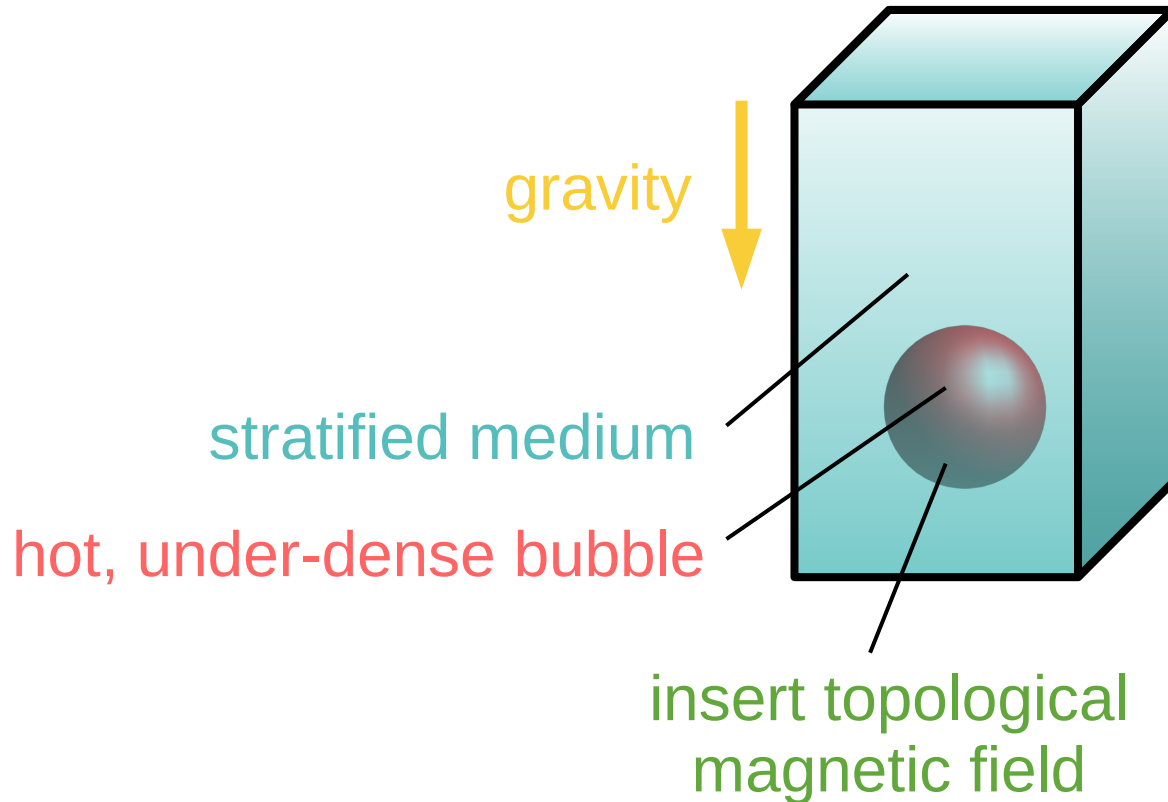
☀ Twisted flux tubes may rise to the corona. (*Prior and MacTaggart 2016*).

☀ Magnetic field linking, knotting and twisting (topology) increases stability.

Plasma Stability Through Topology

➔ Magnetohydrodynamics

➔ Numerical Experiments (HPC)



Topology stabilises intergalactic bubbles.