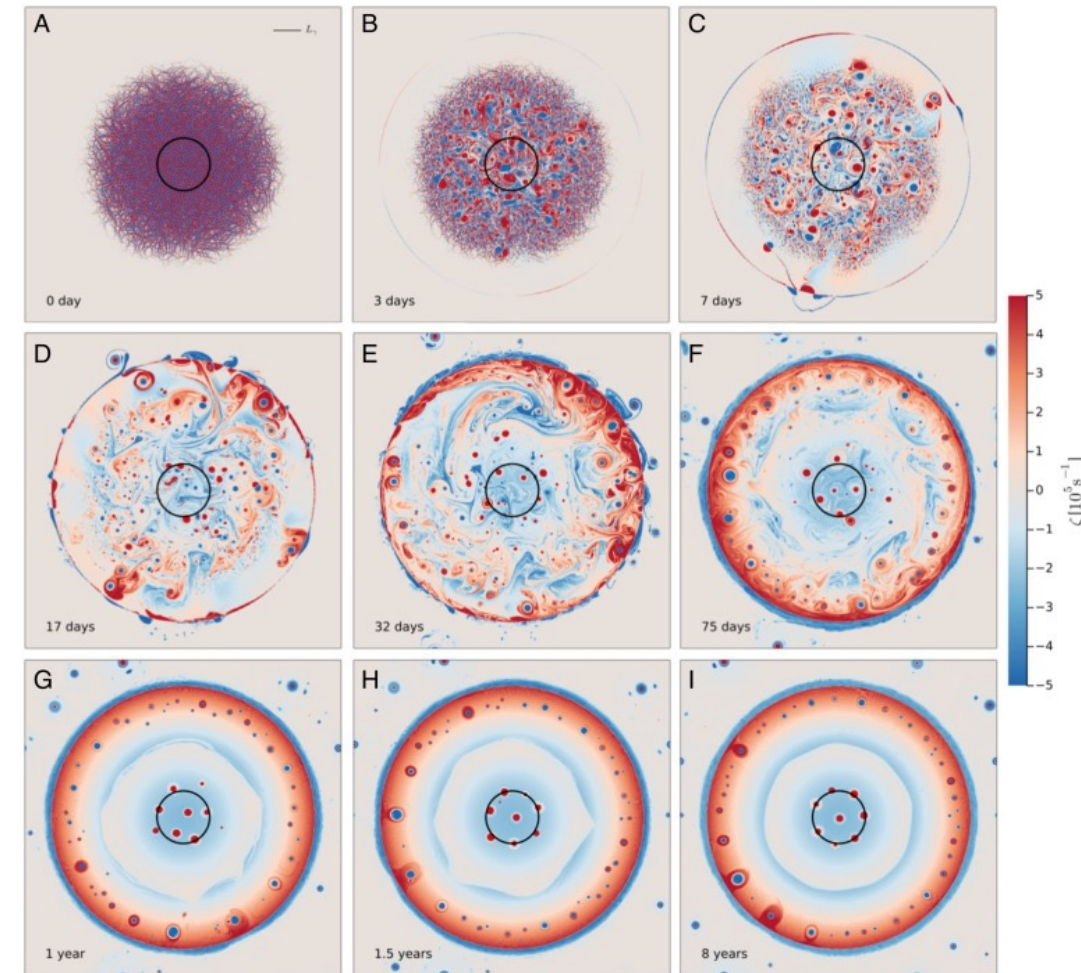


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Polar Vortex Crystals: emergence and structure

Vortex crystals are observed at the poles of Jupiter and in laboratory experiments with magnetized electron plasmas in axisymmetric geometries. We show that vortex crystals form from the free evolution of randomly excited two-dimensional turbulence on an idealized polar cap.



December 13, 2022 from 10:00-11:00 am

Aula Biomedica, Viale Berti Pichat 6/2, 2nd floor

<https://unibo.zoom.us/j/85867000968?pwd=WHM4bHpUUUY3UUFXU3NhSDV6eGRhdz09>