Abstract Submitted
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Collisionless Magnetohydrodynamic Turbulence in Two Dimensions BHIMSEN SHIVAMOGGI, University of Central Florida — Collisionless magnetohydrodynamic (MHD) turbulence in two dimensions is discussed [1]. Effects of electron inertia and electron pressure are included. Vortex formation at scales of the order of ion gyro-radius is predicted and compared with recent *in situ* European multi-satellite observations [2].

References:
[1] B.K.Shivamoggi : *Ann. Phys.* 315,1, (2005).
[2] D.Sundkvist et al.: *Nature* 436, 825, (2005).

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