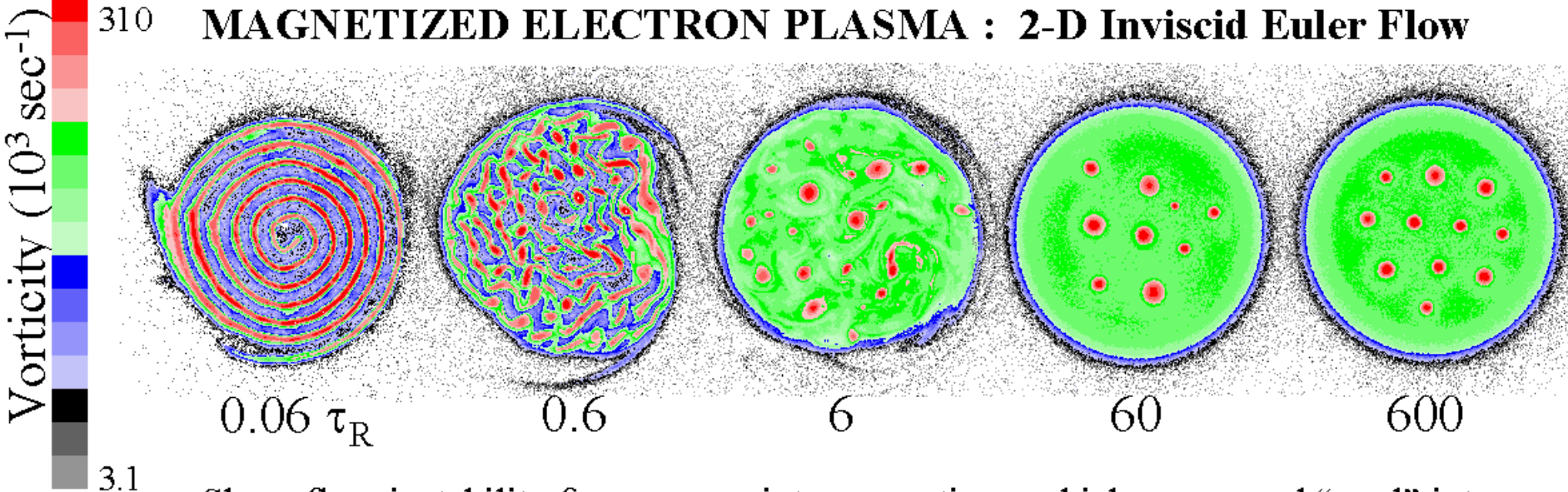


# MAGNETIZED ELECTRON PLASMA : 2-D Inviscid Euler Flow



Shear-flow instability forms many intense vortices, which merge and “cool” into a “Vortex Crystal” due to effective “drag” from weak background vorticity.

Conserves : Total Circulation, Angular Momentum, Energy (dissipationless)

Expt : K.S. Fine ... C.F. Driscoll PRL 75, 3277 (1995)

Theory : D.Z. Jin and D.H.E. Dubin PRL 80, 434 (1998)

## SELECTED CRYSTAL STATES

