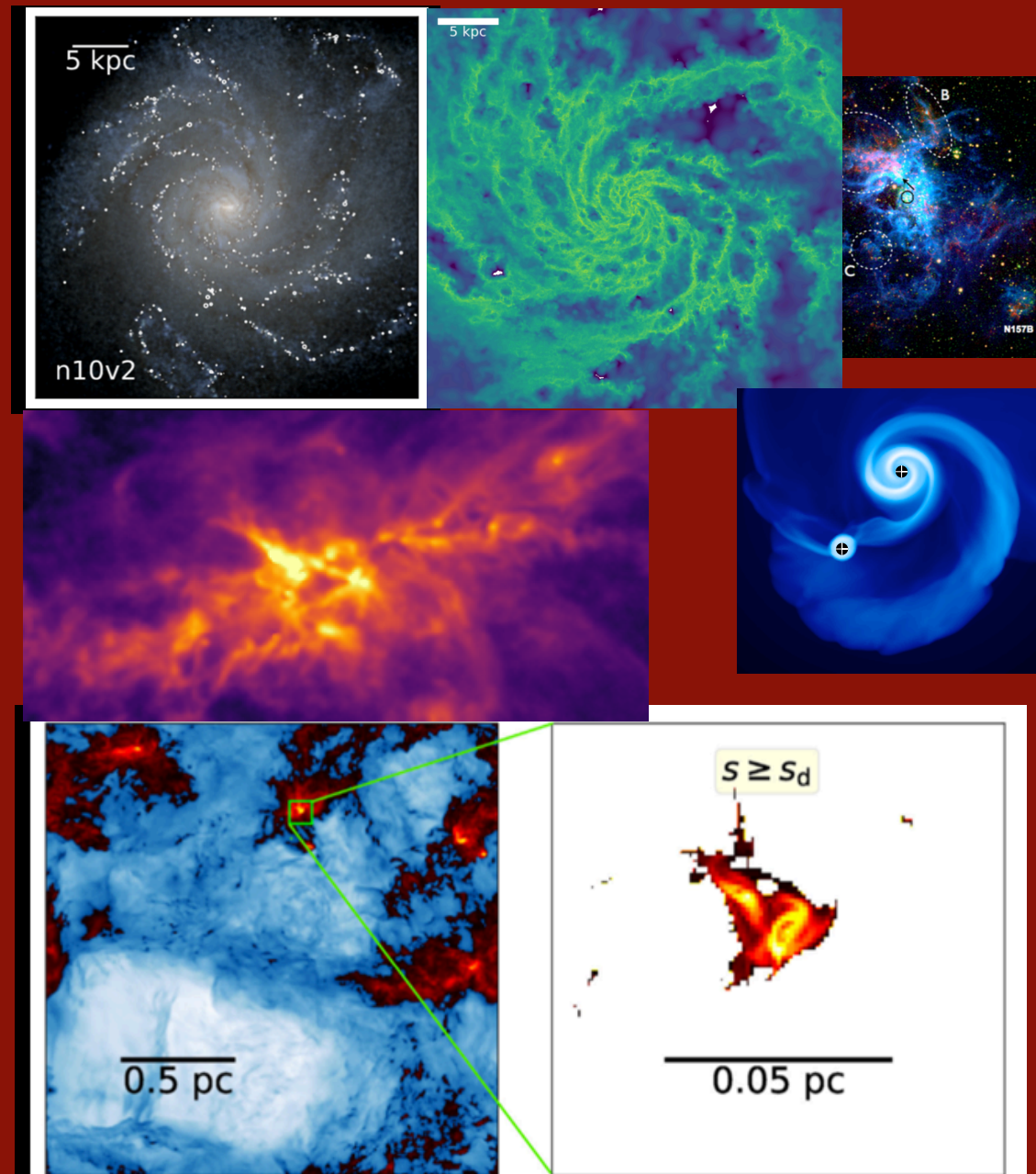


Chris Matzner | Dynamical Fluids in Astrophysics | MP 1207A

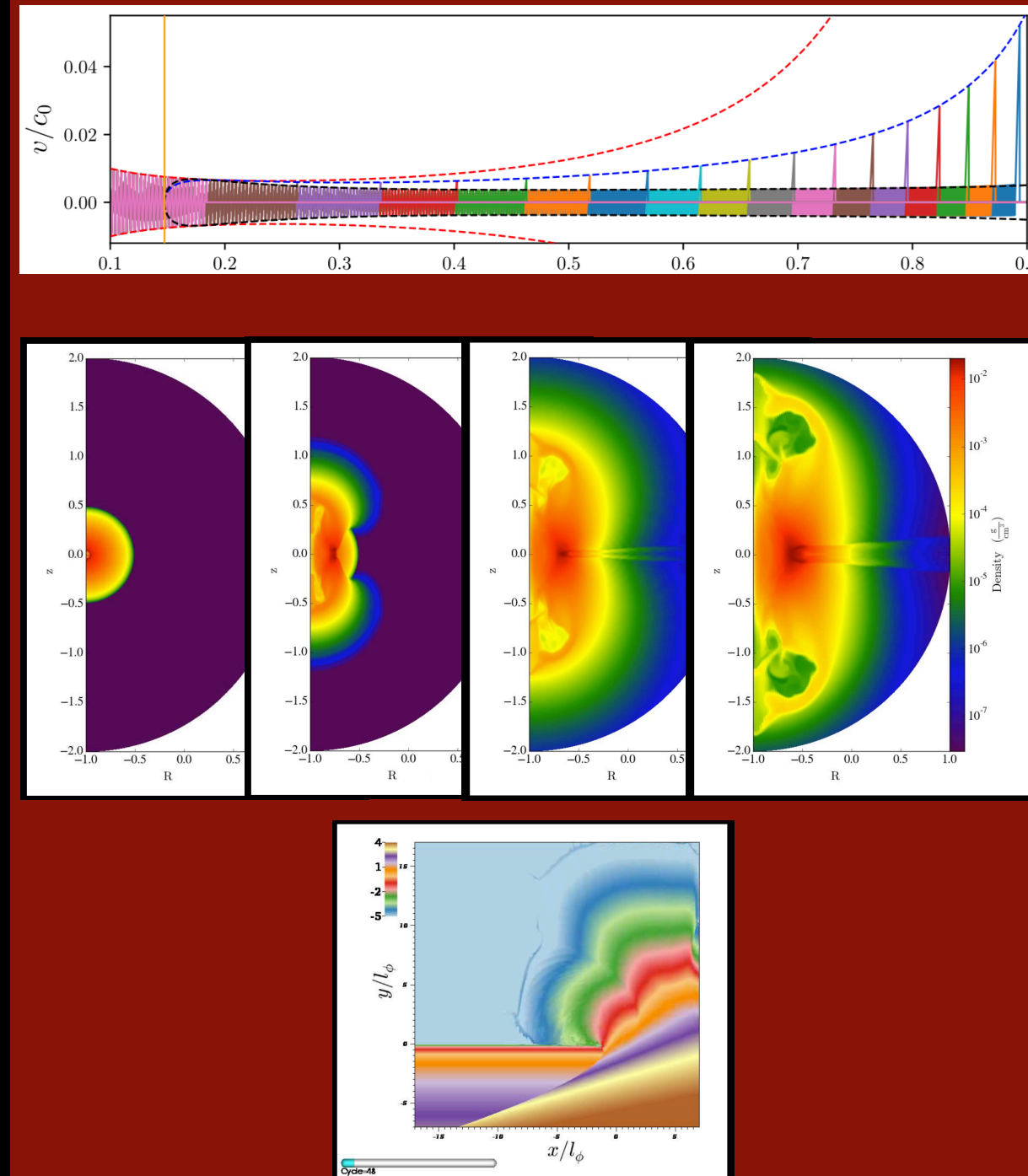
Star Formation & Feedback

fragmentation, disk evolution,
outflows and HII regions
dynamical reaction of galaxies



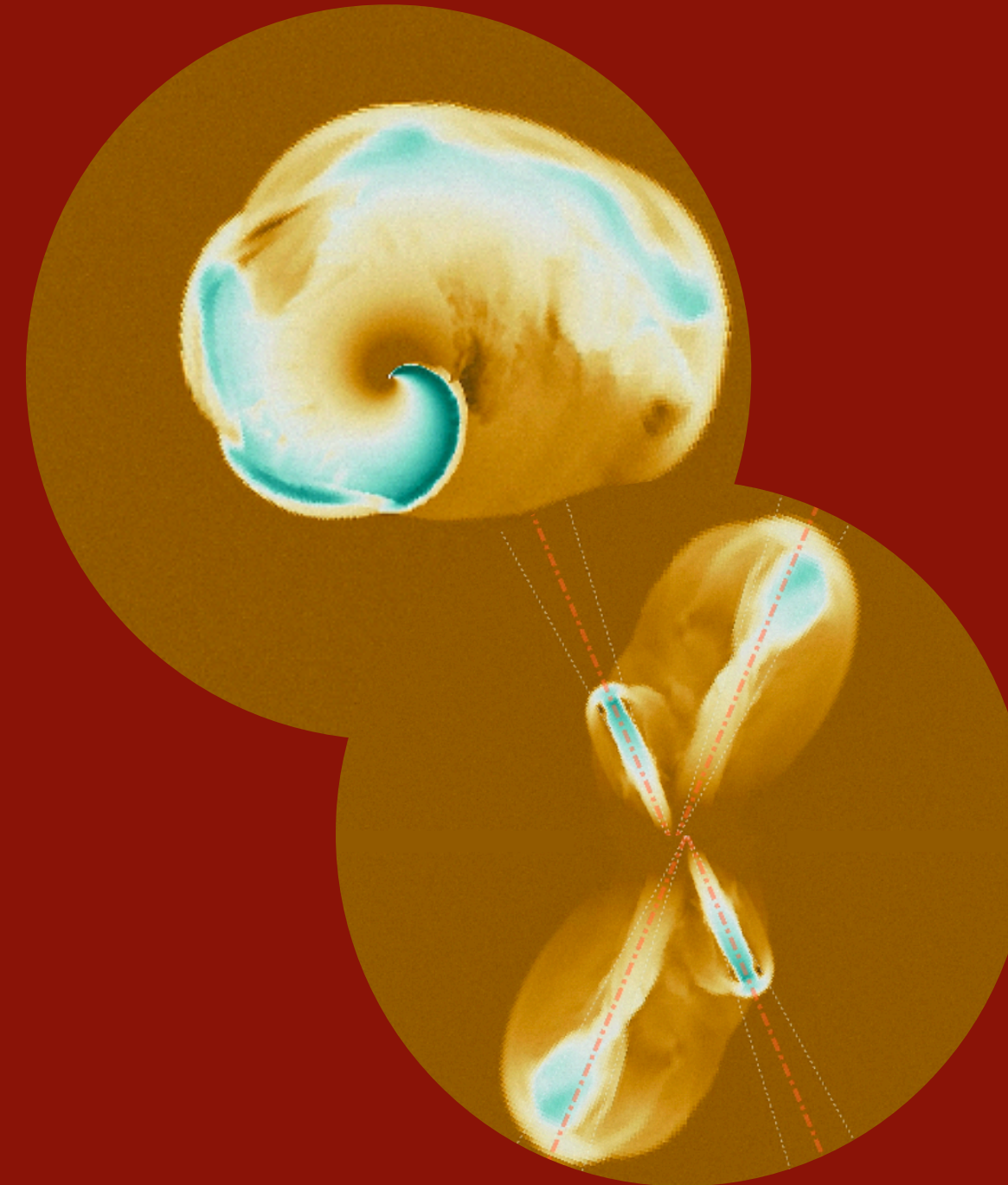
Stellar explosions

Shocks in spherical & aspherical
supernovae, jets in collapsar GRBs,
waves and shocks in stellar outbursts



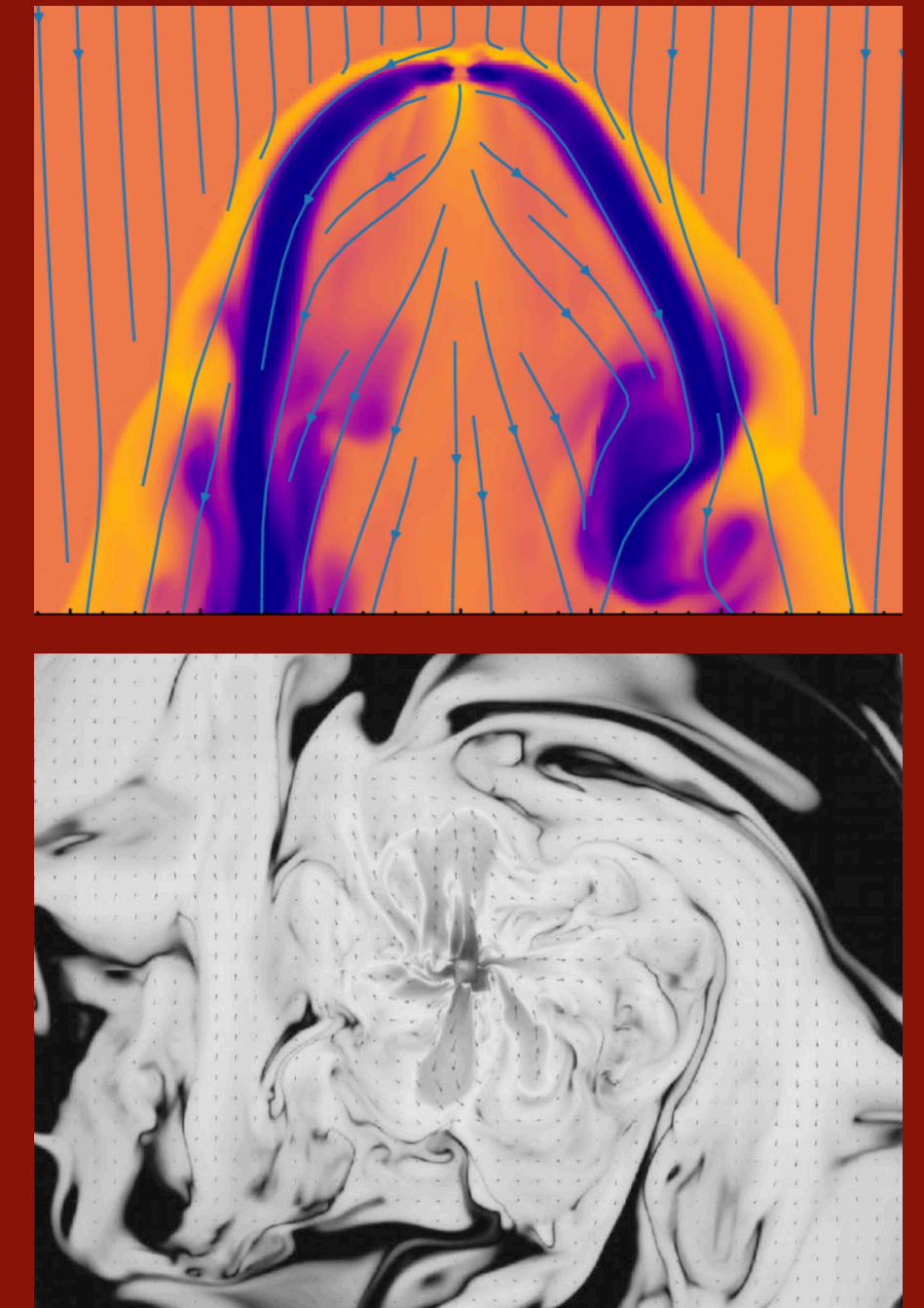
Tidal disruptions

disk evolution, disk winds, jet production



etc...

non radiative accretion flows
space UV camera
negative dynamical friction
mirror-star counterparts



Graduate Students — Current: Shivan Khullar, Aaron Tohuvavohu

— Previous: Ayushi Singh, Nilou Afsariardchi, Stephen Ro, Peter Jumper, Mubdi Rahman, Sherry Yeh, Pegah Salbi, Kaitlin Kratter

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