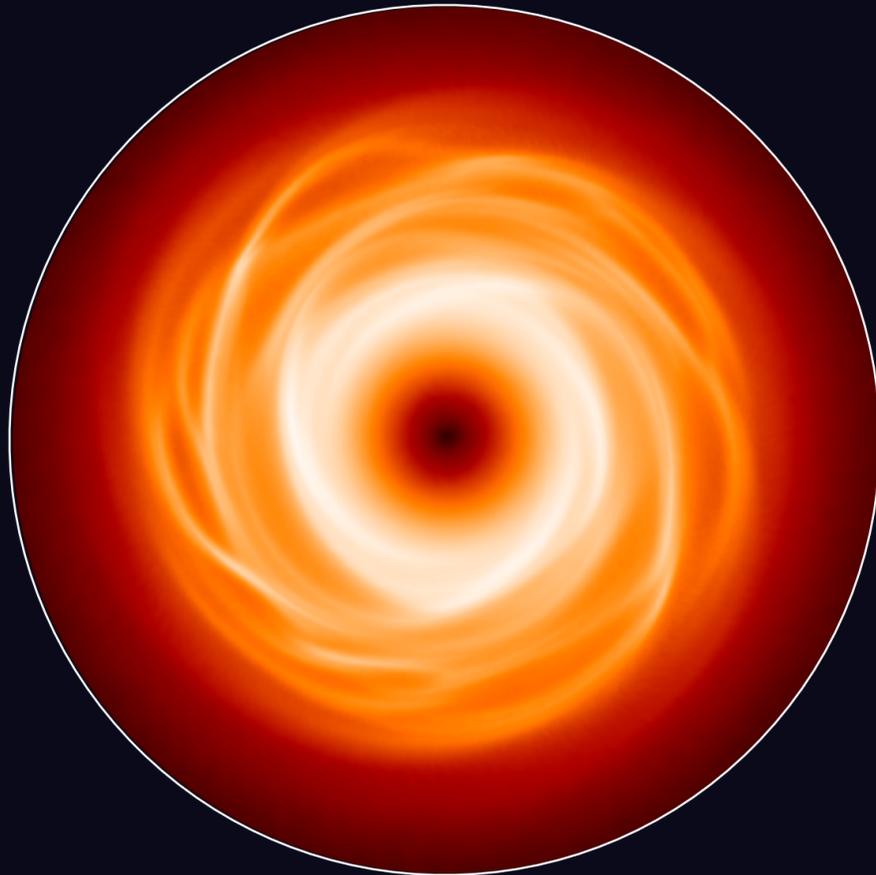


SUPPRESSING GRAVITATIONAL INSTABILITIES IN PROTOPLANETARY DISCS

Sahl Rowther, Farzana Meru, Rebecca Nealon, Grant Kennedy, Christophe Pinte
sahl.rowther@warwick.ac.uk



Scan for more details
with animations!



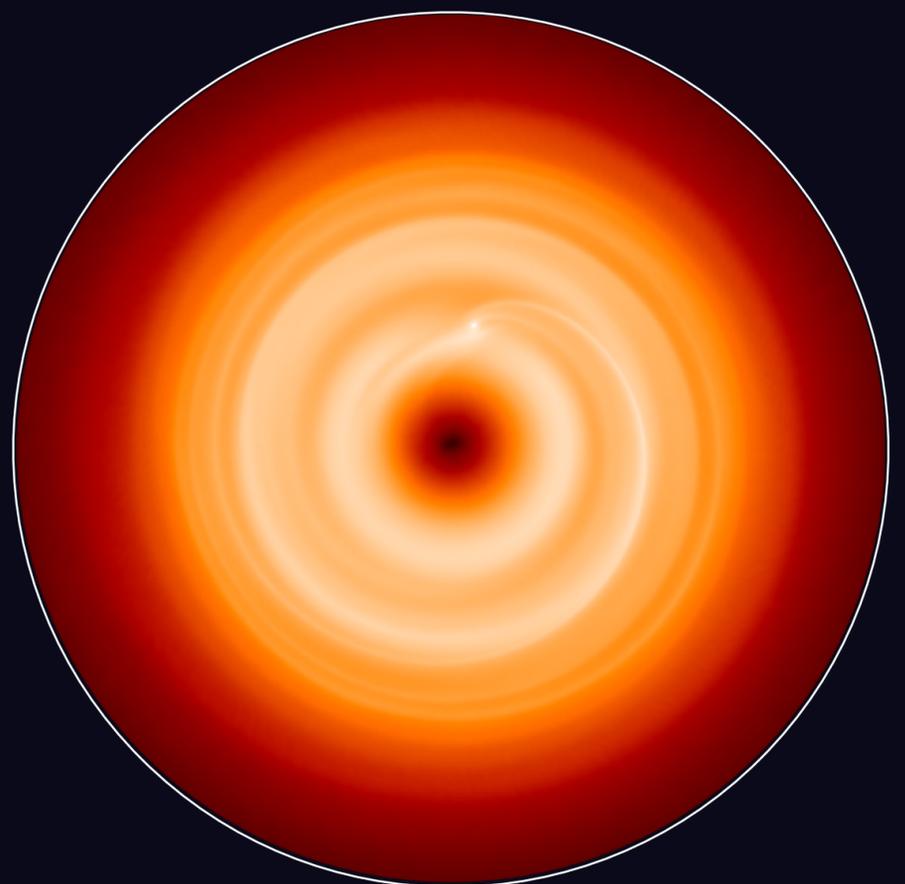
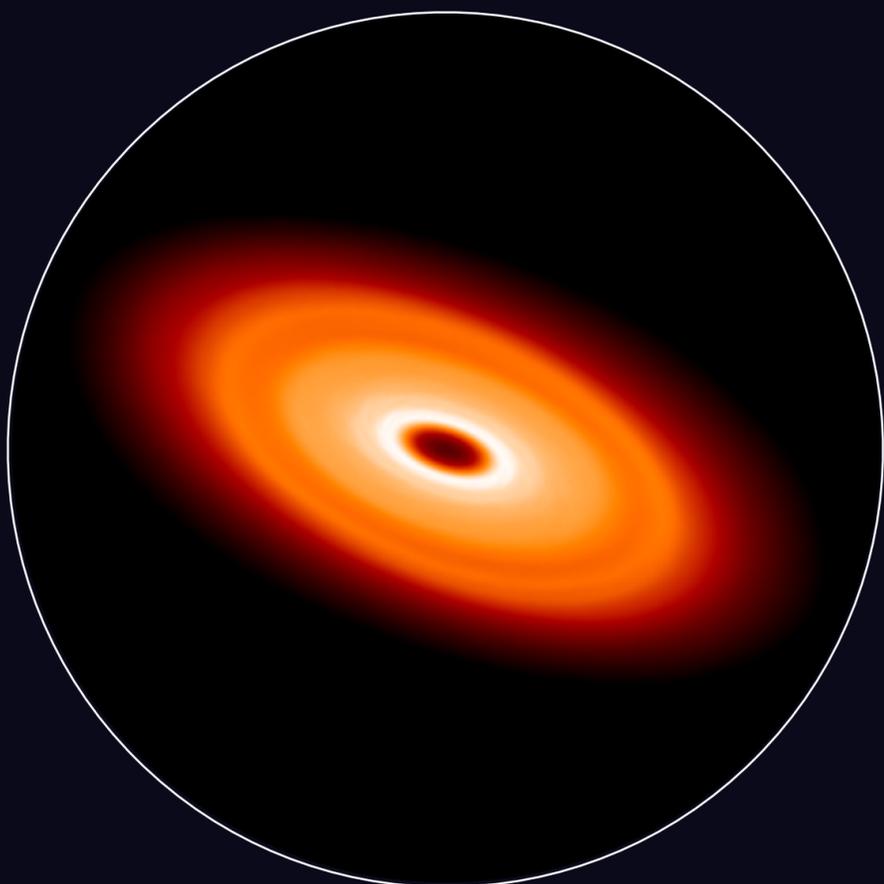
Evolution of a gravitationally
unstable disc into a stable disc by

Warping the Disc

Rowther, Nealon & Meru (2022)

Introducing a $3M_{Jup}$ Planet

Rowther et al. 2020



Spiral structures due to gravitational instabilities are suppressed
yielding an axisymmetric disc