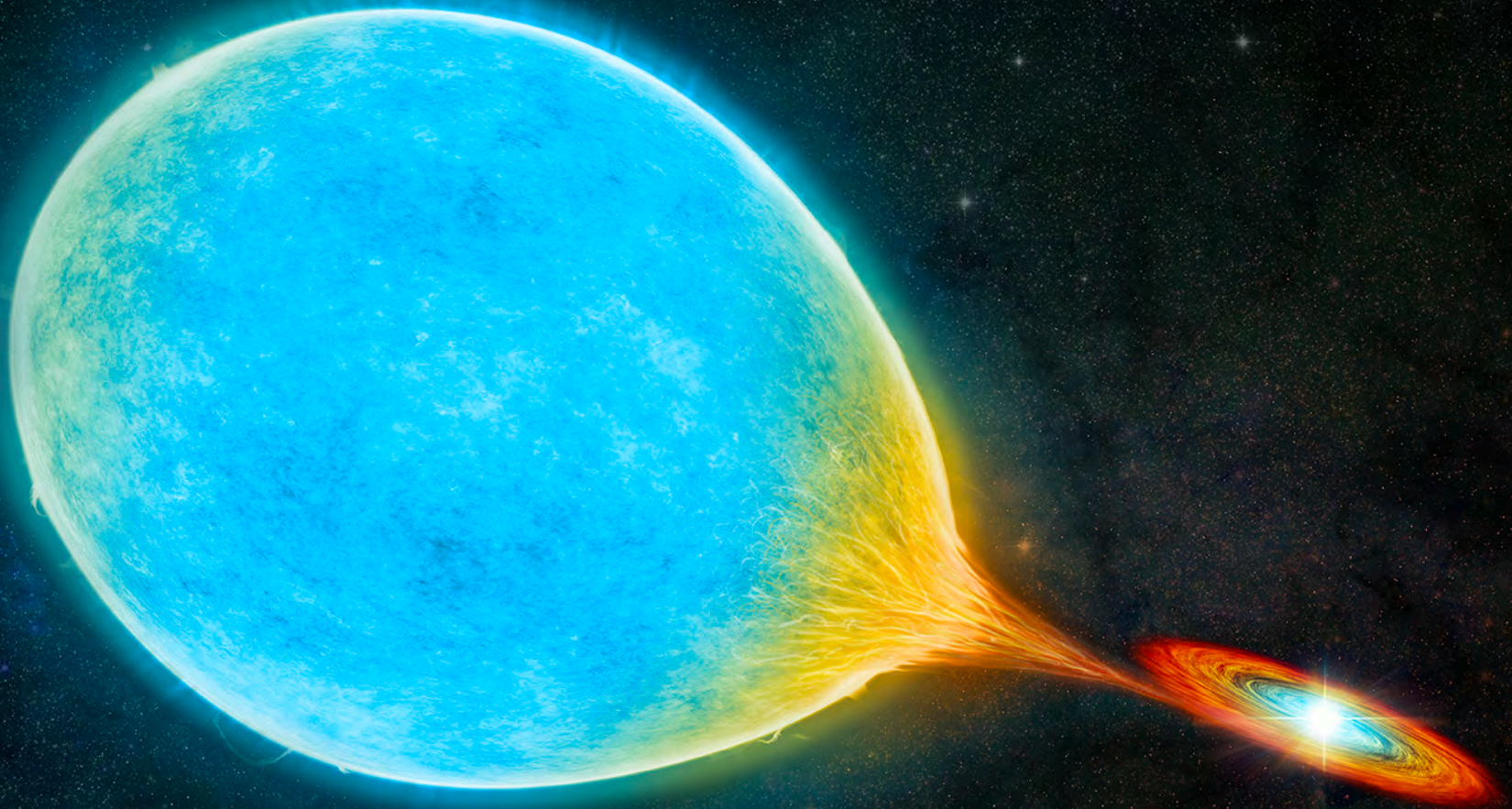


Stellar astrophysics & binary evolution



Kareem El-Badry

(1) Grew up in Oregon

(3) Grad at UC Berkeley

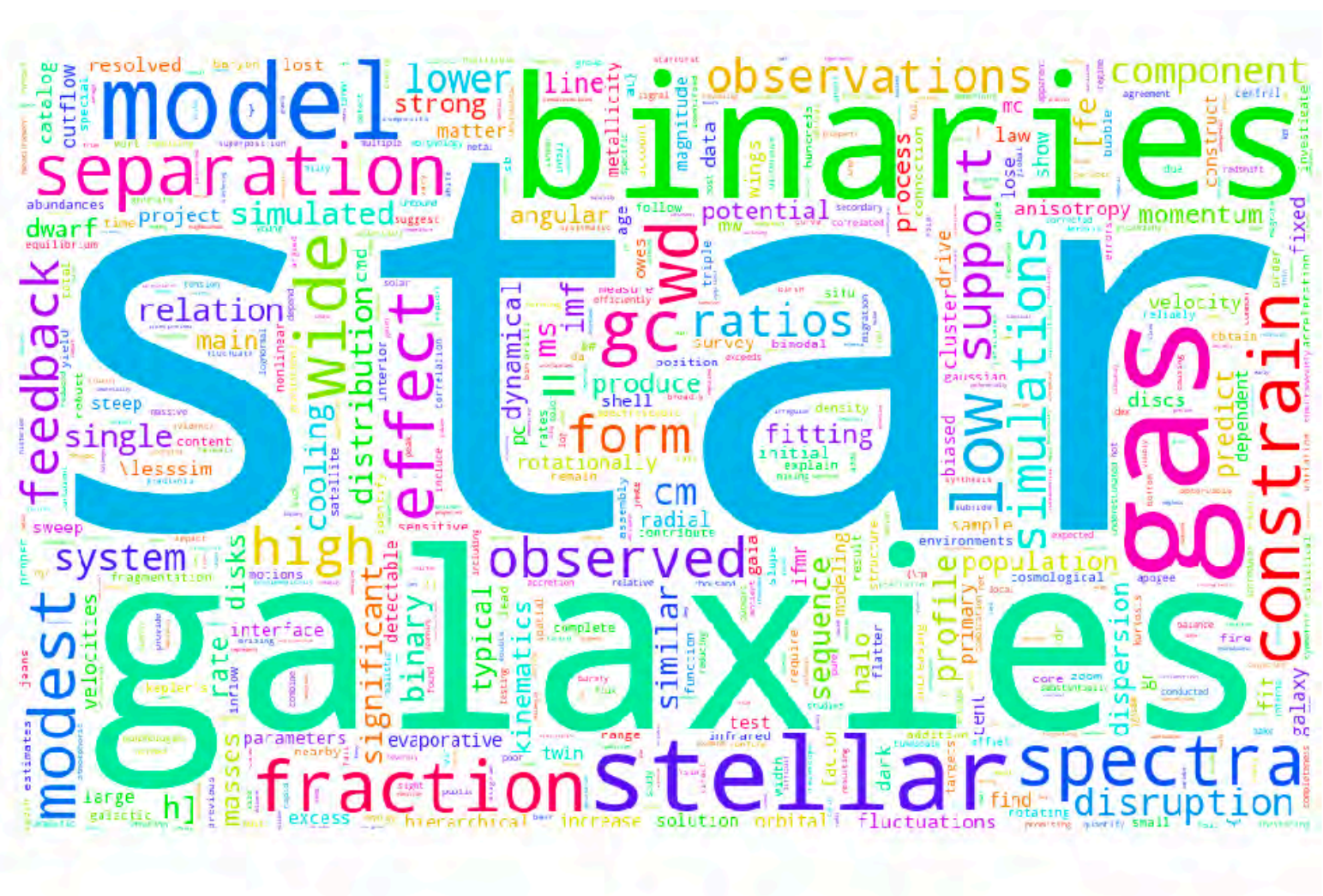
(5) Faculty at Caltech



(4a) Postdoc at Harvard/CfA

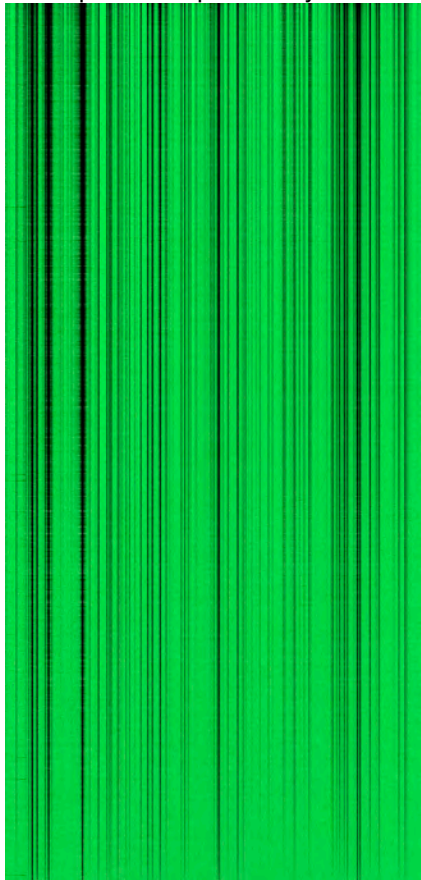
(2) Undergrad at Yale

(4b) Postdoc at MPIA / Heidelberg

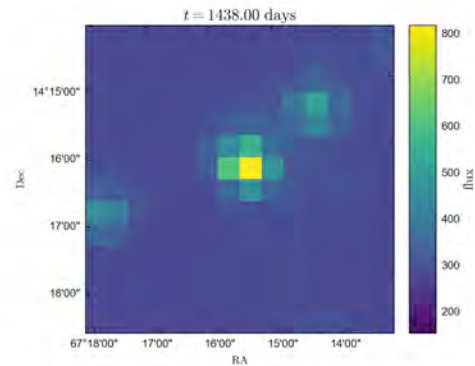


Tools

Spectroscopic surveys



Light curves



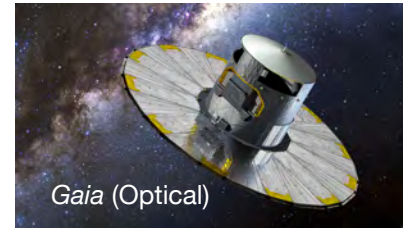
Robotic RVs



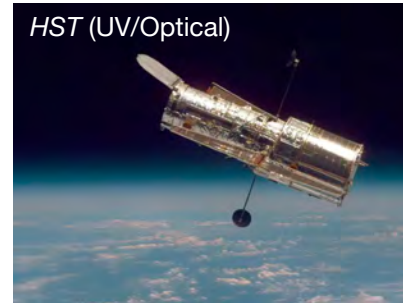
Keck



Gaia (Optical)



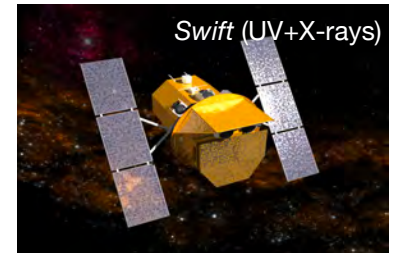
HST (UV/Optical)



Chandra (X-rays)



Swift (UV+X-rays)



VLA (Radio)

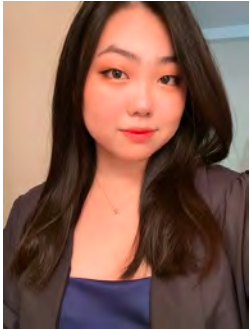


MeerKAT (Radio)



MESA

Group



Natsuko Yamaguchi (G4)



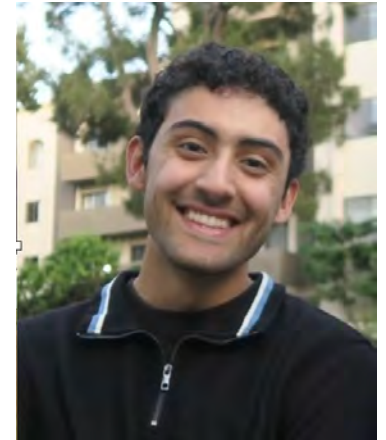
Pranav Nagarajan (G4)



Lisa Blomberg (G3)



Cheyanne Shariat (G3)



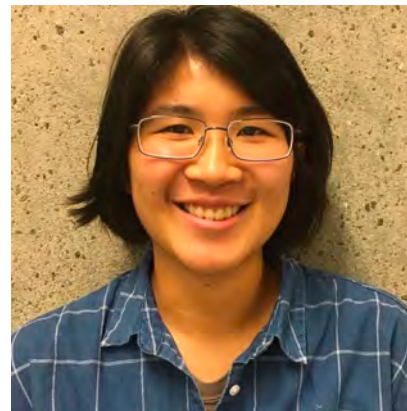
Cheyanne Shariat (G2)



Maude Gull (Postdoc)



Geoffrey Mo (Postdoc)

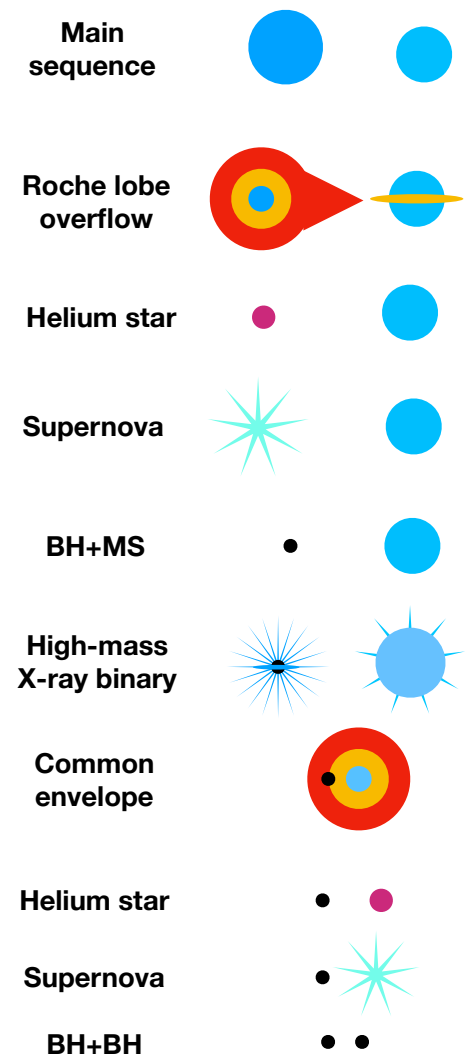


Casey Lam (postdoc @Carnegie)

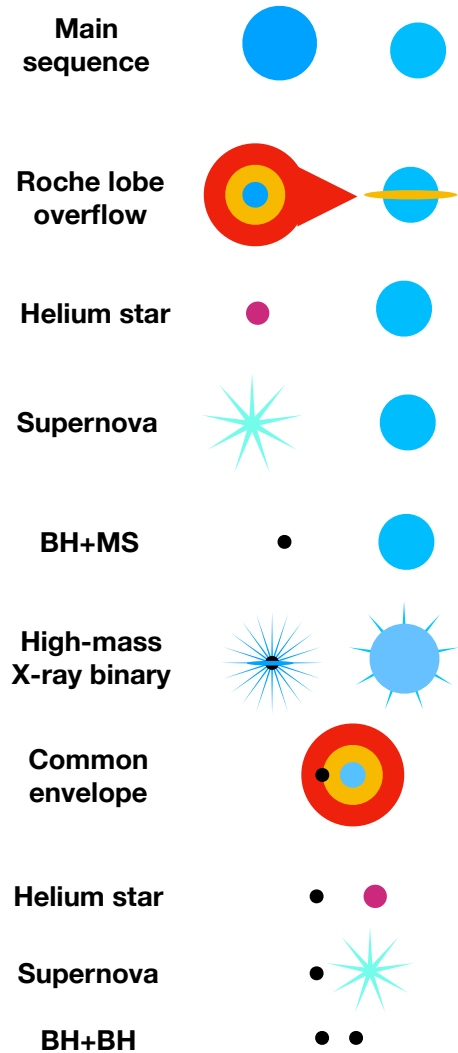


Sunny Wong (postdoc @Carnegie)

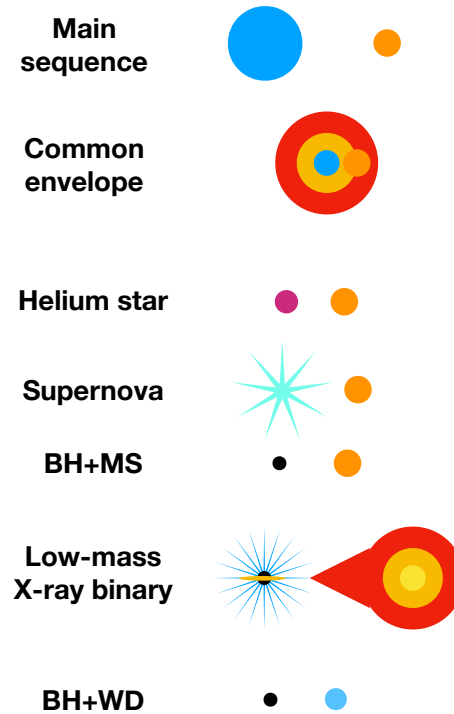
Two massive stars



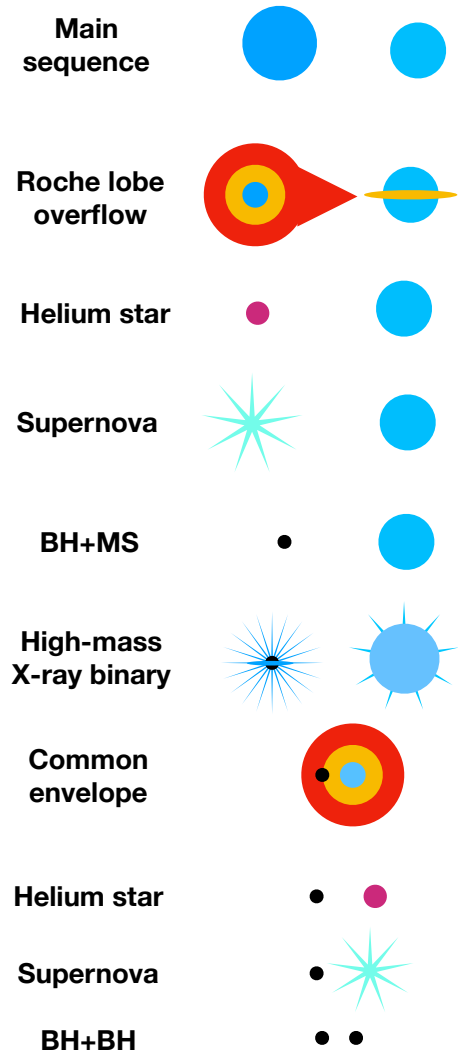
Two massive stars



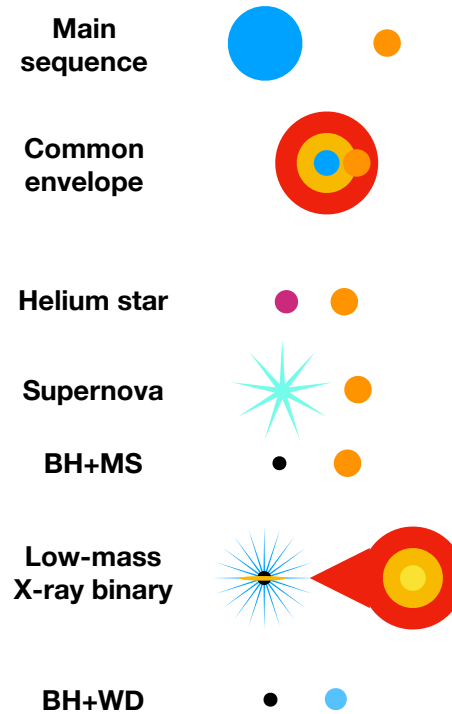
Massive star + low-mass star



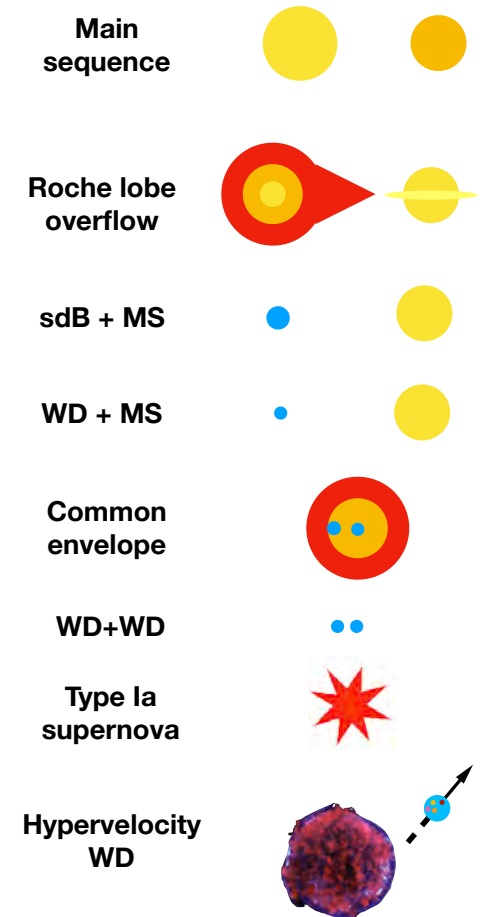
Two massive stars



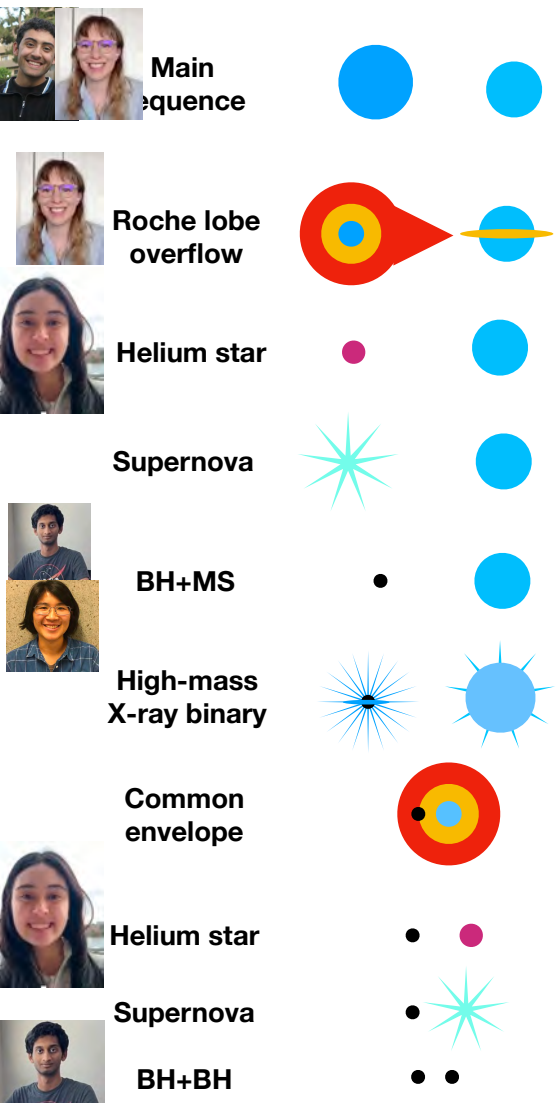
Massive star + low-mass star



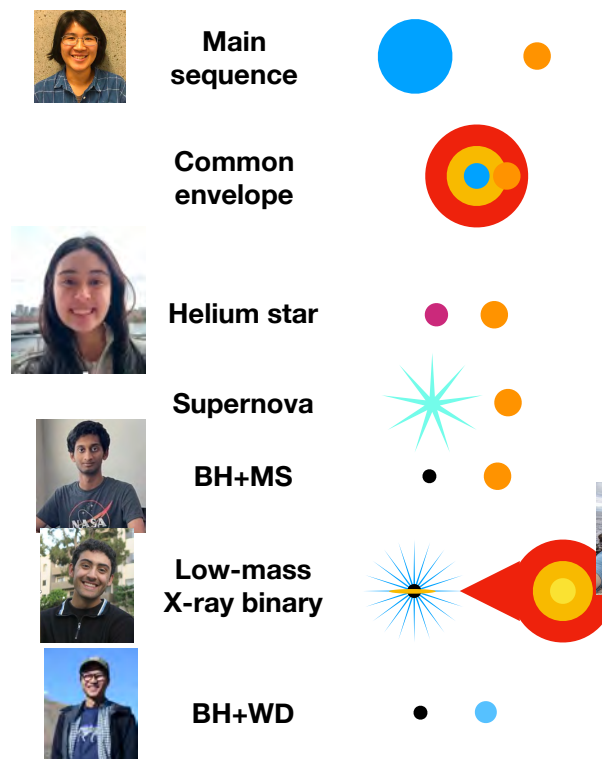
Two low-mass stars



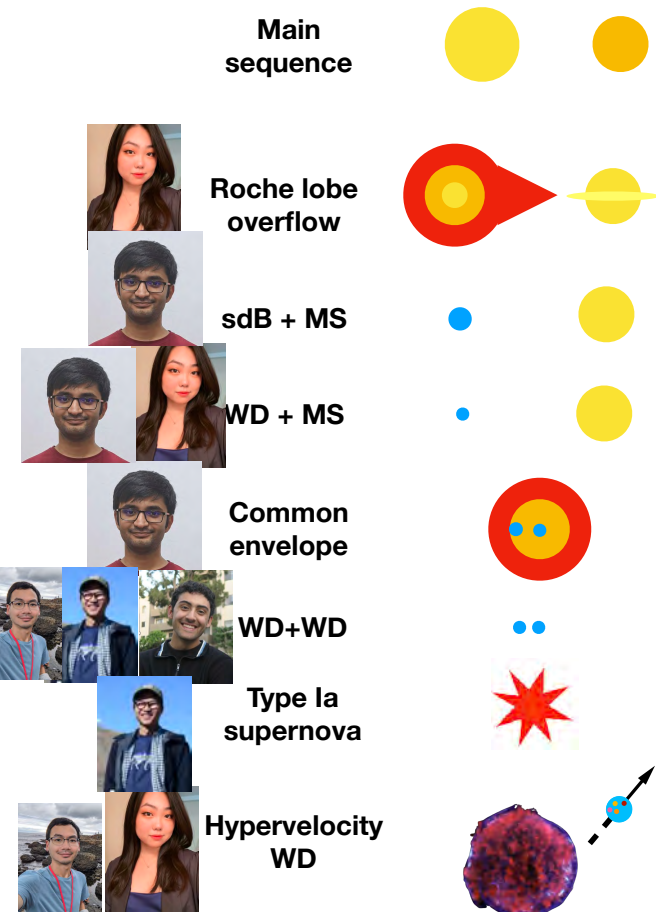
Two massive stars

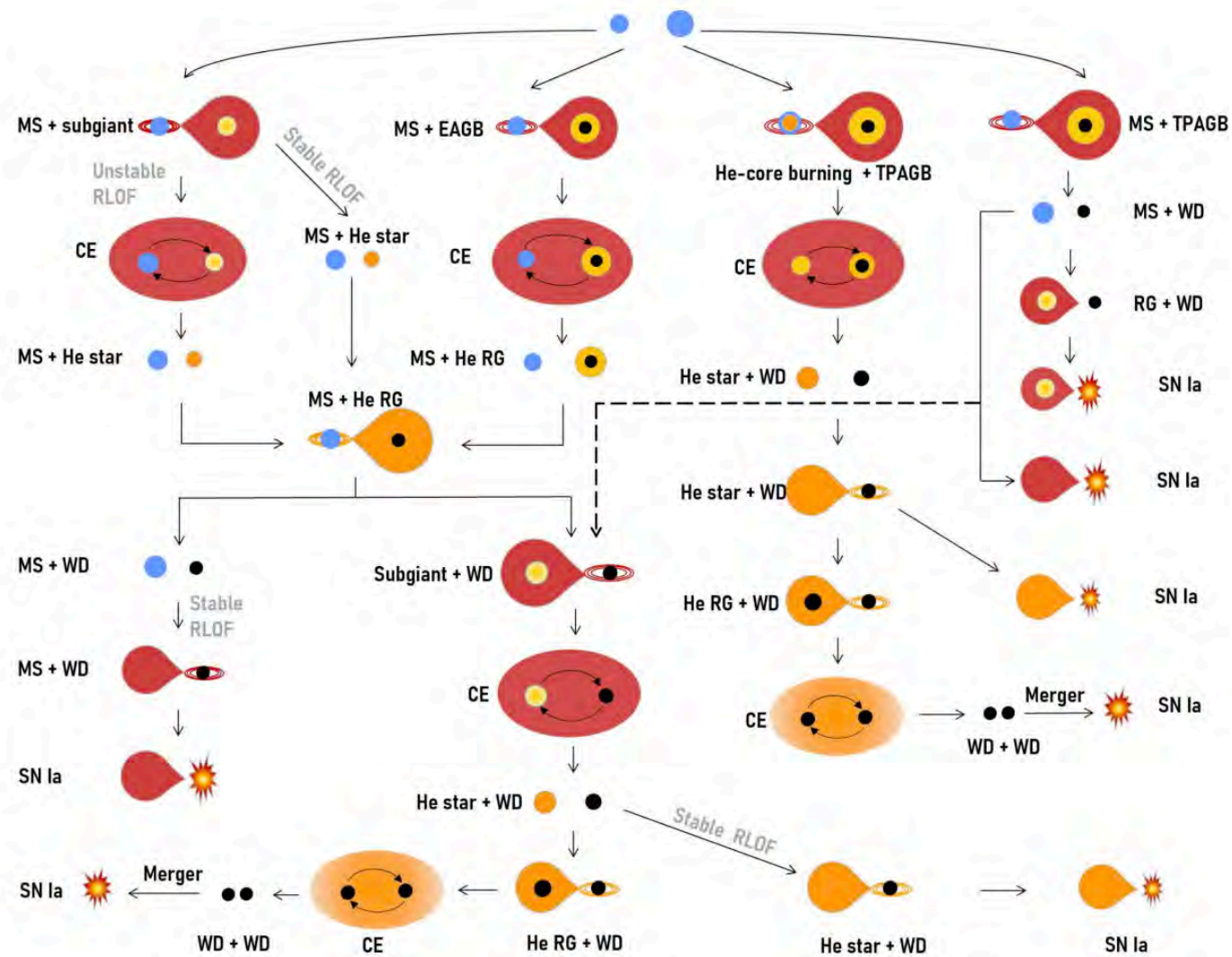


Massive star + low-mass star



Two low-mass stars



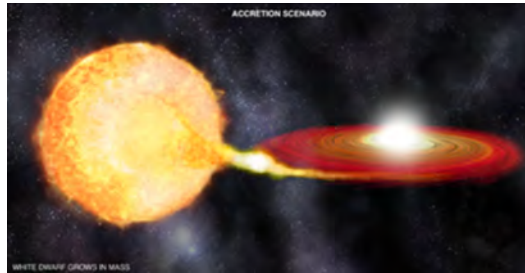




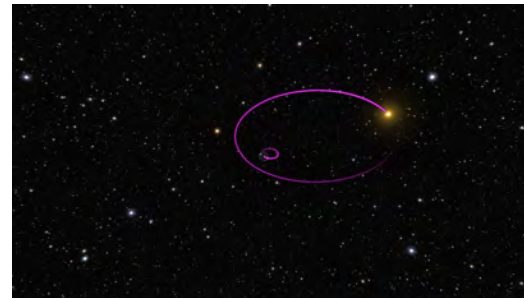
Choose your own adventure!



Hypervelocity stars



Type Ia supernovae



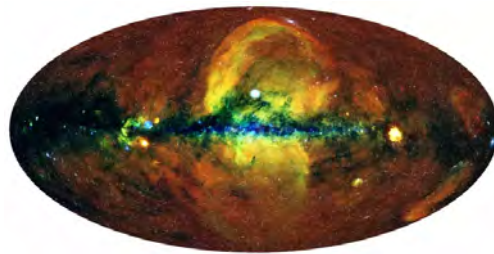
Dormant black holes
and neutron stars



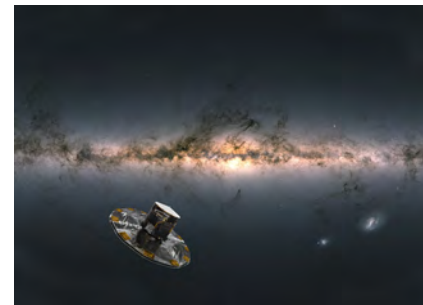
Triples



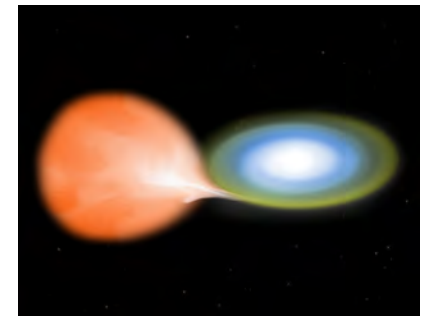
Stripped stars



eROSITA



The Gaia mission



Ultracompact binaries