

Galactic Center

Wind Crest Learners

Academy for Lifelong Learning

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Young Suns NGC7129



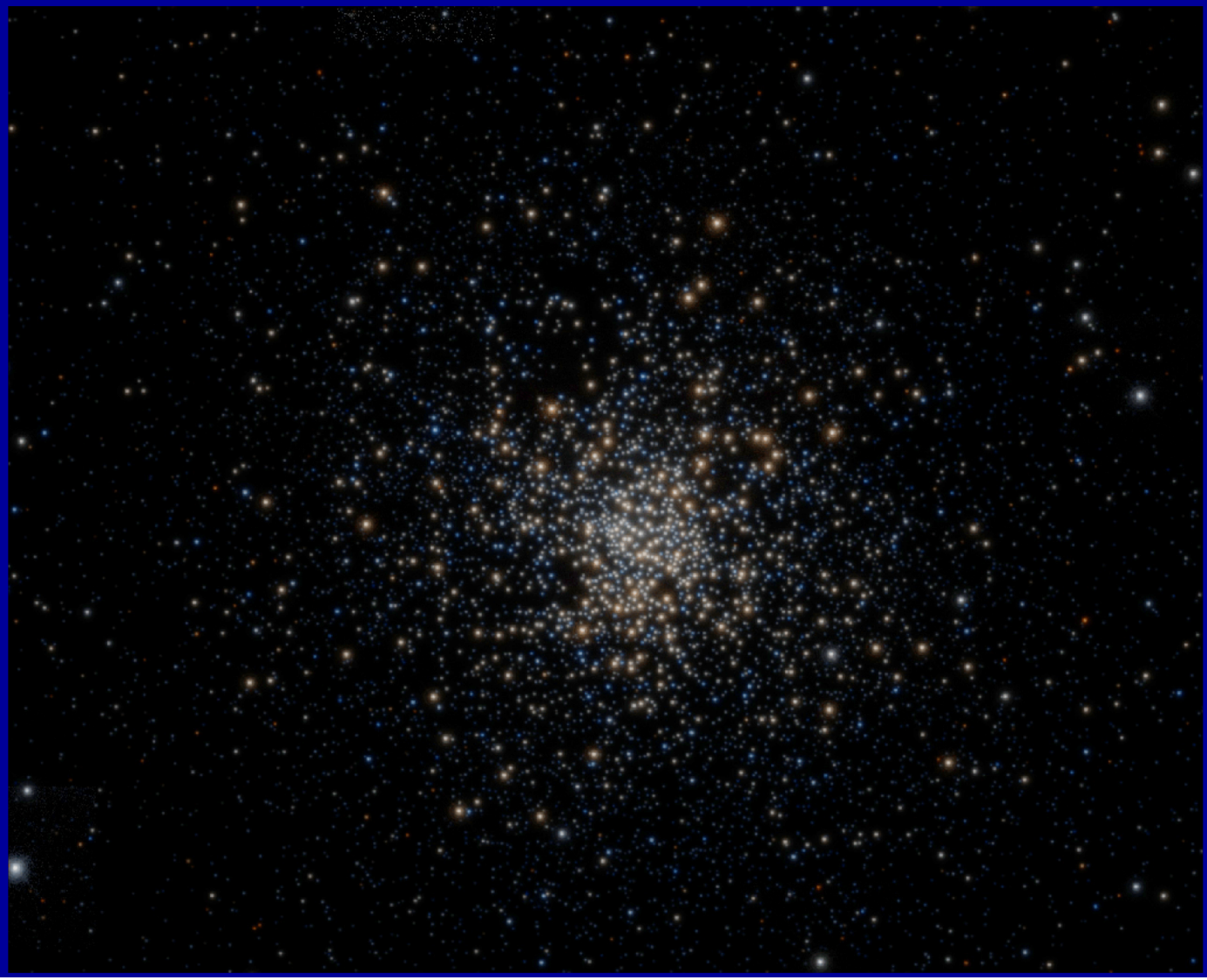
Mass ranges

- $M_{dwarf} < 1.39\ M_o$ => white dwarf
- $1.39\ M_o < M_{ns} < 3.2\ M_o$ => neutron star
- $M_{BH} > 3.2\ M_o$ => black hole
  - stellar sized black holes
  - The original stars lose blow off a lot of mass in their explosions

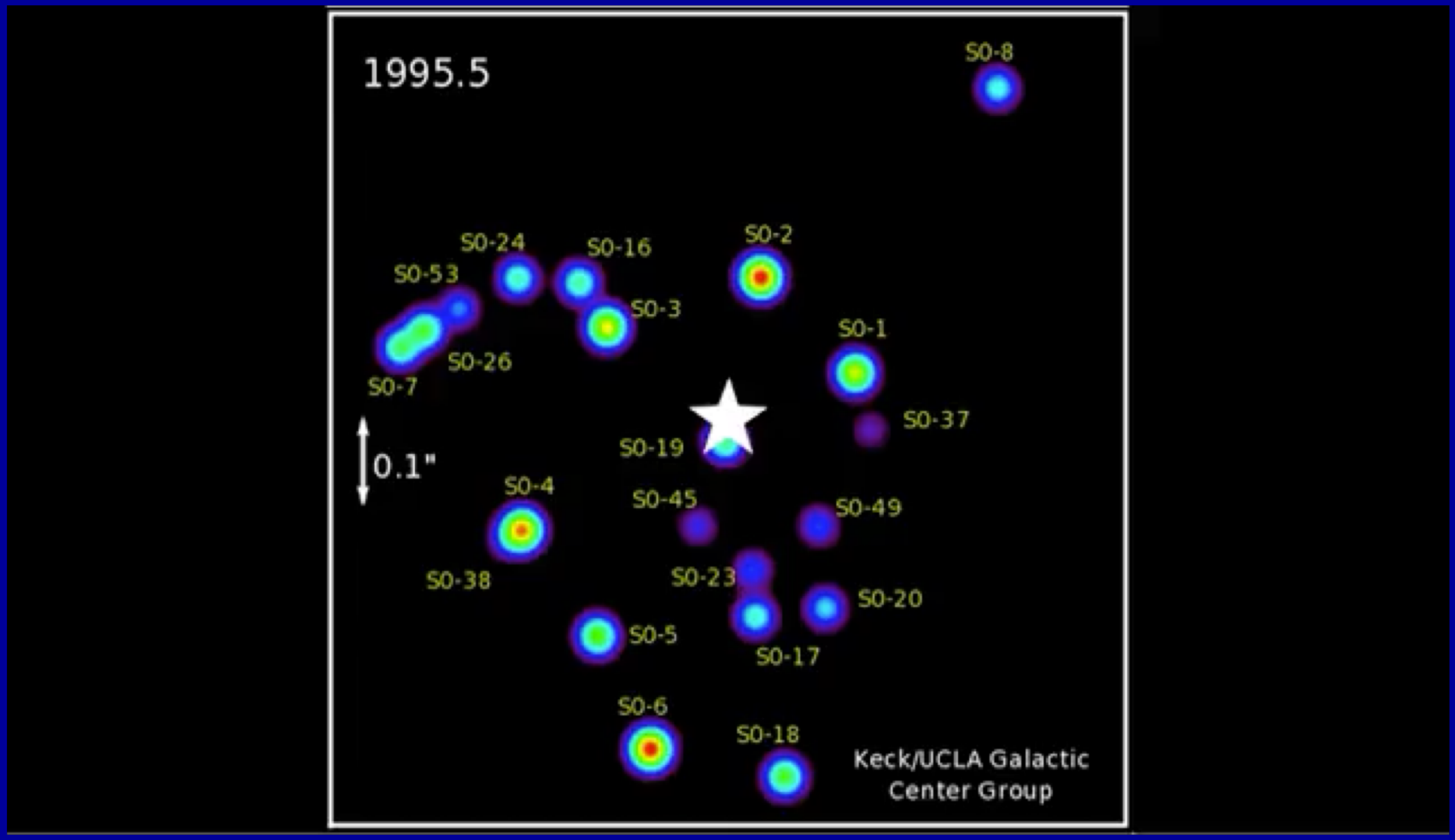
- Black hole at the center of our galaxy $M = 10^6\ M_o$

- Supermassive Black holes $10^9\ M_o$

M15_Gaia_stars1024b



Milky Way Galactic Center



EqualFlashyBubbleFish.mp4

movie Galactic center

8FKO.mp4

