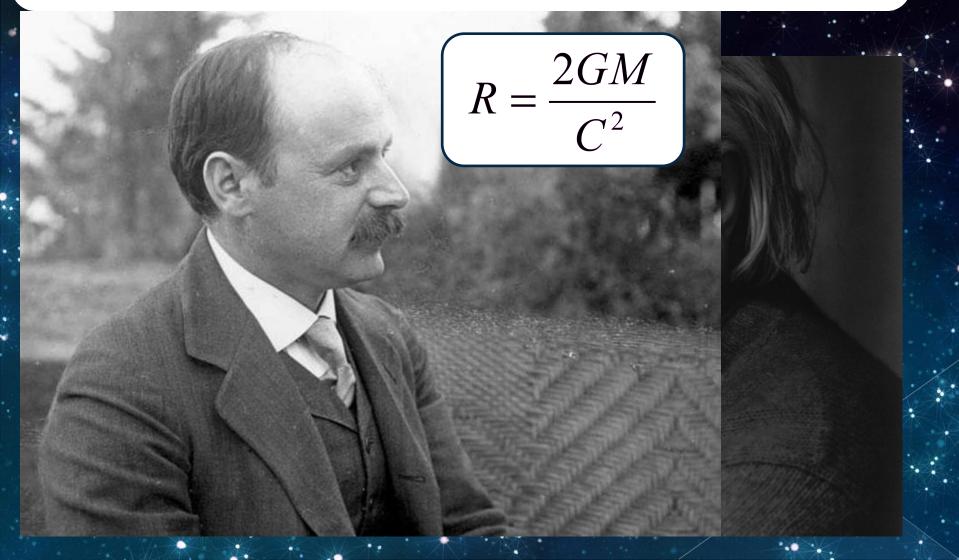
Black Holes

The discovery of black holes has become one of the major achievements in the field of astrophysics

Иванова А.П.

A photon is an elementary particle

Karl Schwarzschild continued the study of black holes



A black hole is a region of space-time

Event Horiz

Outside of the Event Horizon, escape velocity less than light speed.

On the Event H escape velocity equal to the sp light.

Inside the Eve escape velocit the speed of li

Singularity

Black Hole, also a Singularity, pies the central within the Horizon.

rtzchild Radius s the distance a Black Hole pe velocity from ole equals the ht.

White Dwarf

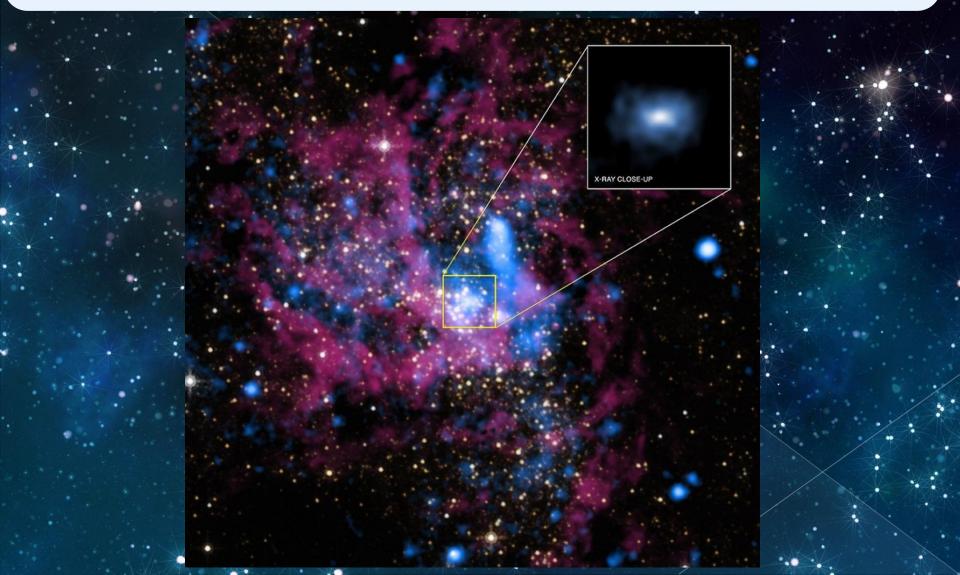
What is a white dwarf?

Is a stella remnant composed mostly of electrondegenerate matter. They are very dense; a white dwarf's mass is comparable to that of the Sun, and its volume is comparable to that of the Earth.





Our Milky Way likely has a black hole...



Black holes are the ultimate energy factories.





We are similar



Why is the study of black holes is so important to mankind?

Thank you for attention!!!