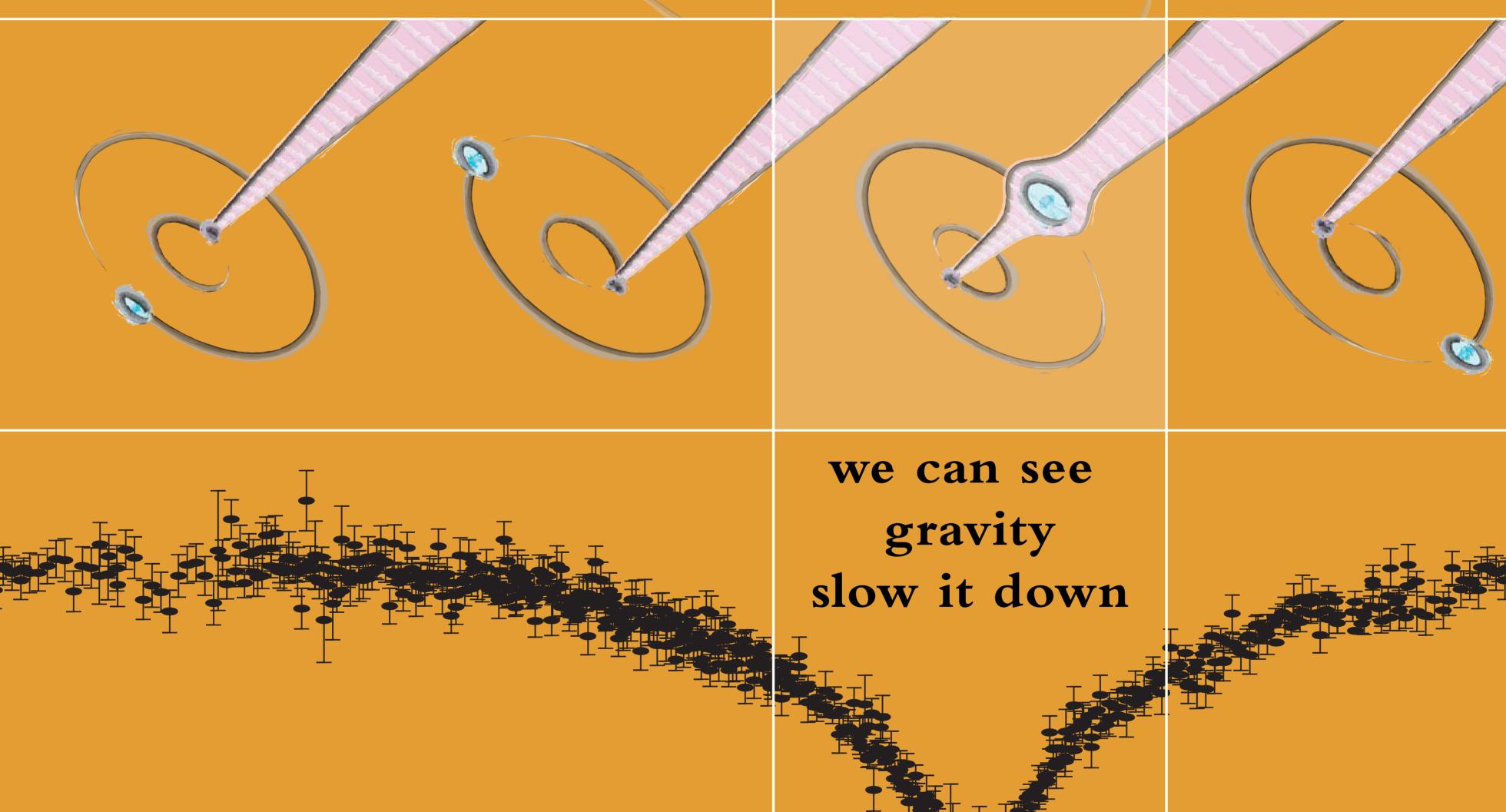
SEE EXTREME STARS STRETCH THE FABRIC OF SPACE-TIME

when light passes close by

a dense star



Shapiro delay in PSR J1802-2124. Pulsars and white dwarfs are extremely massive and compact. Their density and gravitational pull are gigantic, stretching both space and time in their vicinity. When you look at a radio pulsar passing behind a white dwarf, you can actually see its light slow down as it struggles past the white dwarf. Original data: ApJ, 711, 764, Fig. 2

