

GW200224

Ben Walker

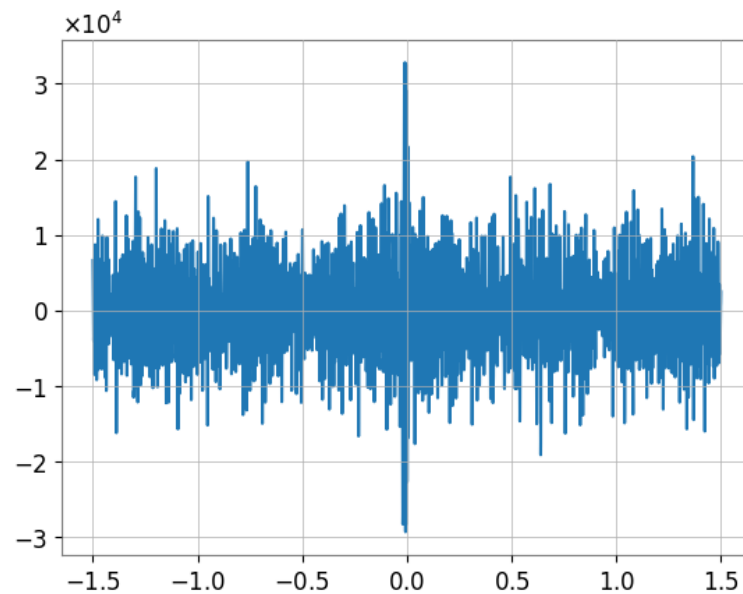
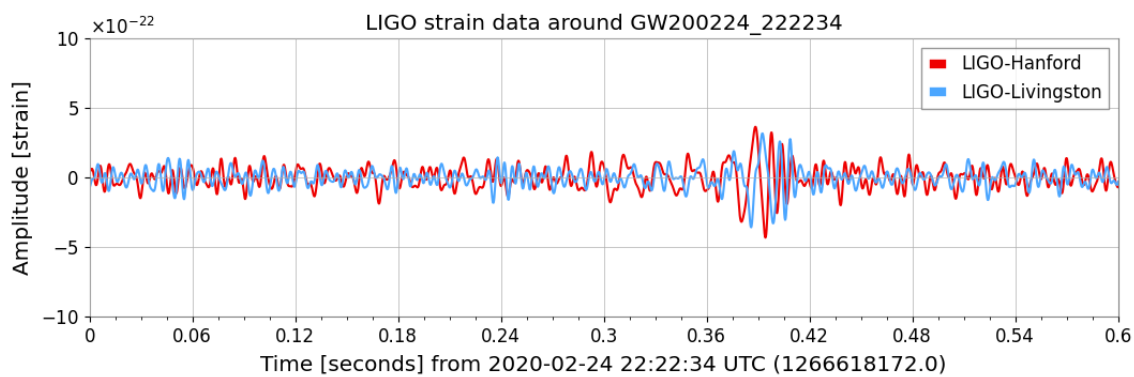
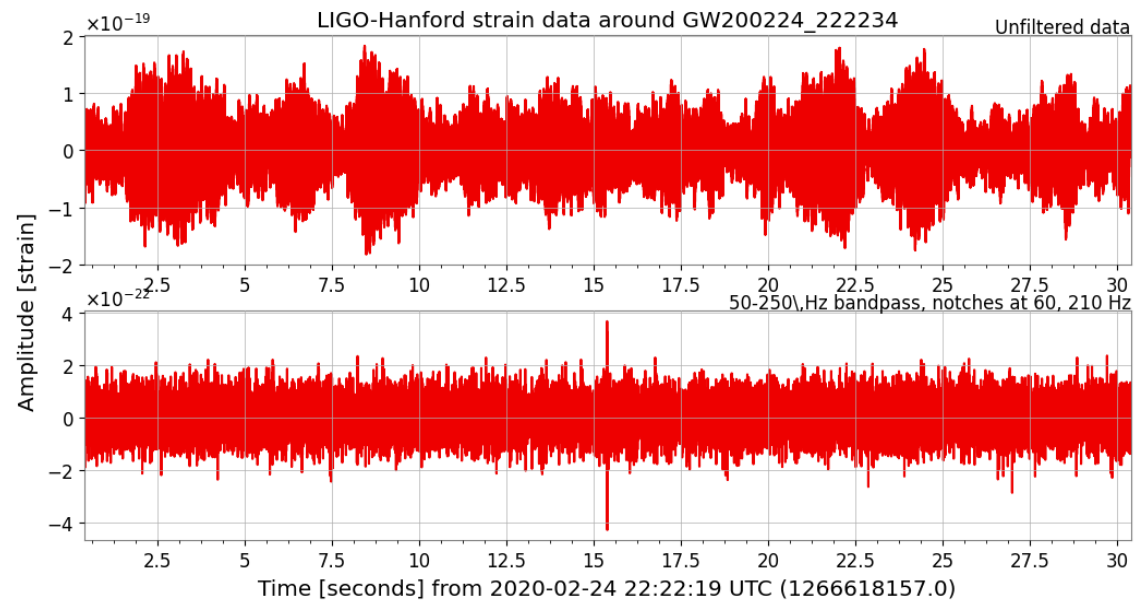
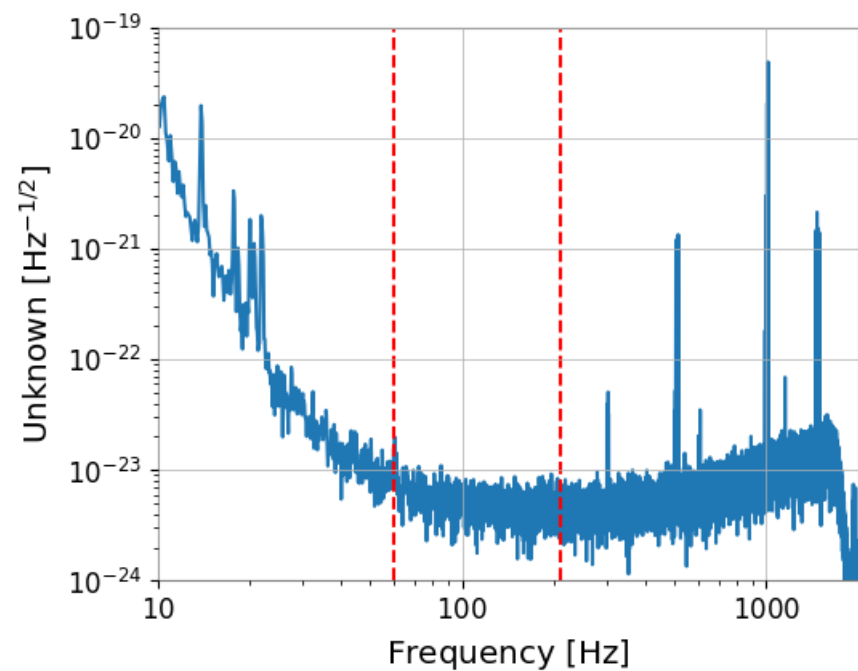


About LIGO

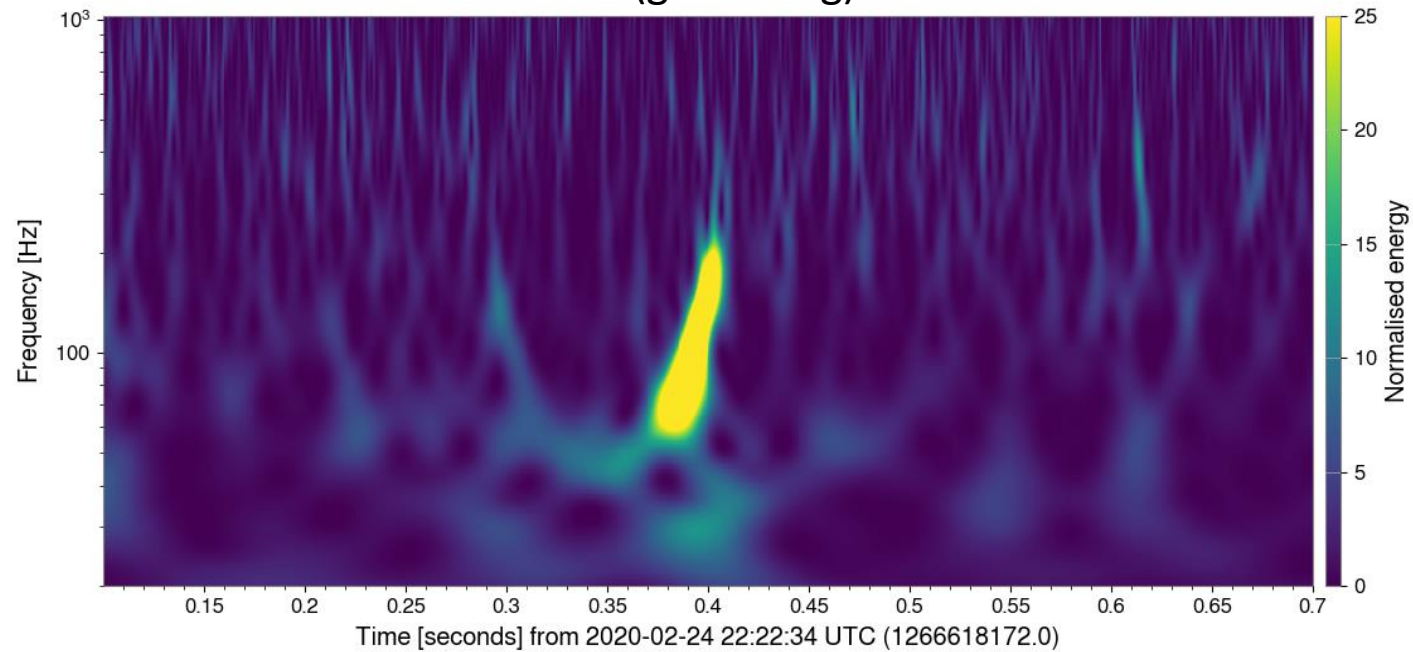
- Gravitational waves are created when black holes collide
- LIGO detects these gravitational waves in Hanford, WA and Livingston, LA using properties of light and space

ABOUT GW200224

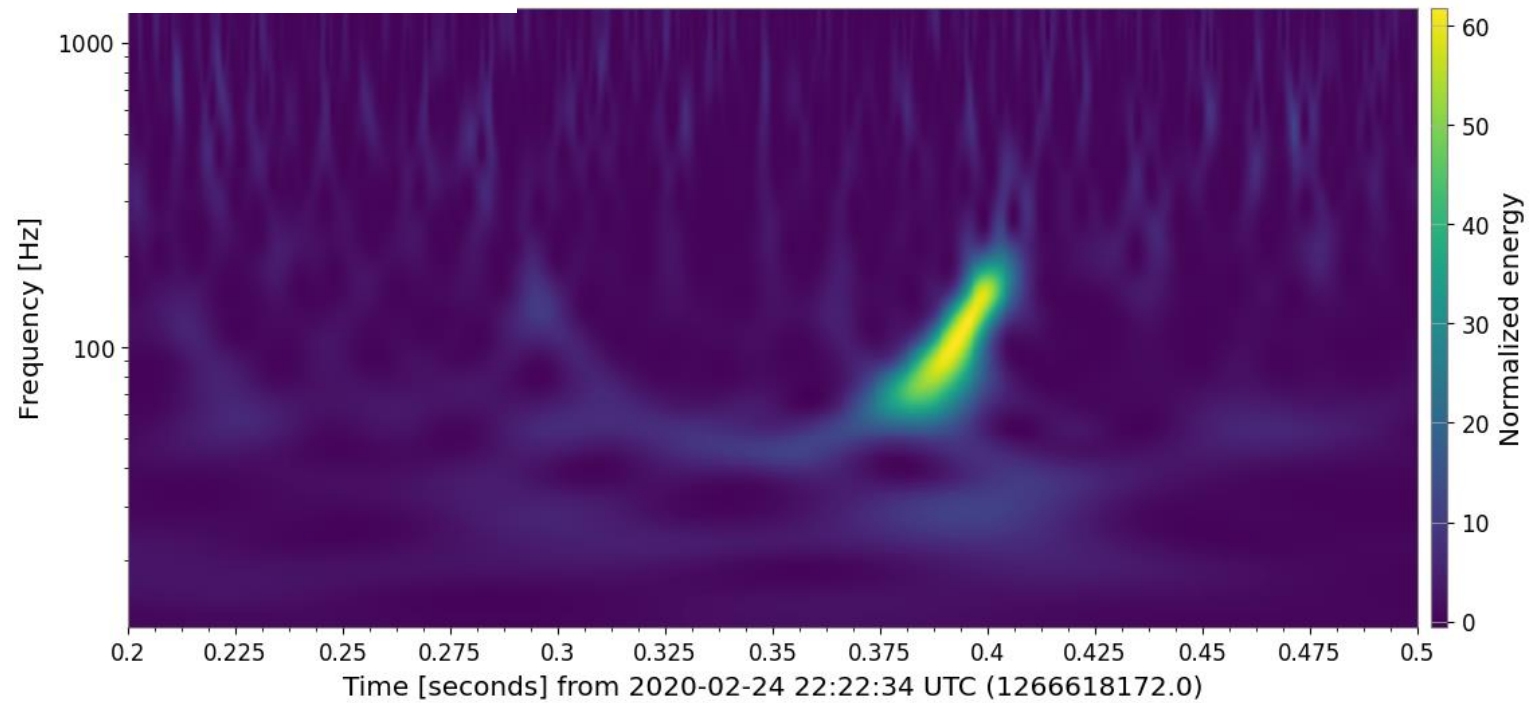
- GPS Time = 1266618172
- Black hole mass 1 = 40.0 Solar Masses
- Black hole mass 2 = 32.5 Solar Masses
- Merged black hole mass = 72.2 Solar Masses



H1 Strain (gwosc.org)



H1 Strain (my work)





Sound file