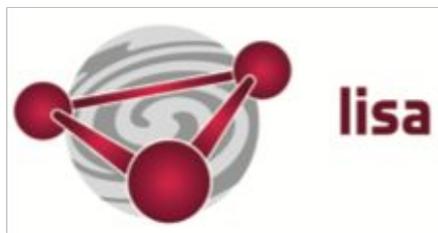




Gravitational Wave Astronomy at the University of Washington Bothell

Joey Shapiro Key

for the UWB Gravitational Wave Astronomy group

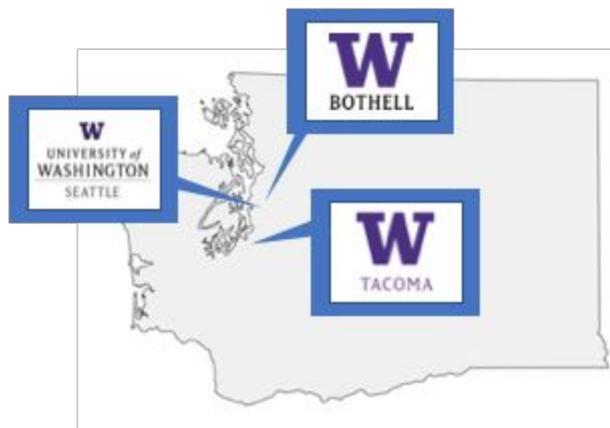




University of Washington system: UW Seattle, UW Bothell, UW Tacoma

UWB School of STEM

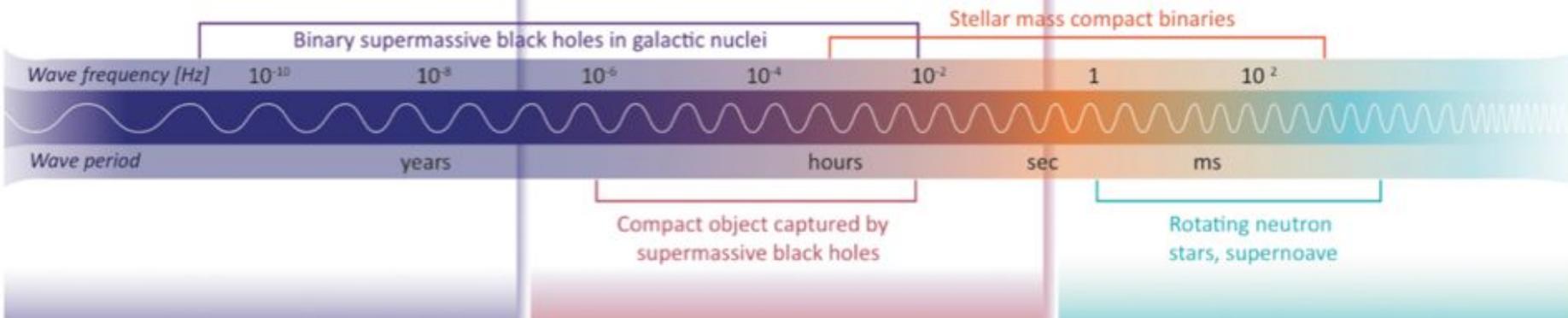
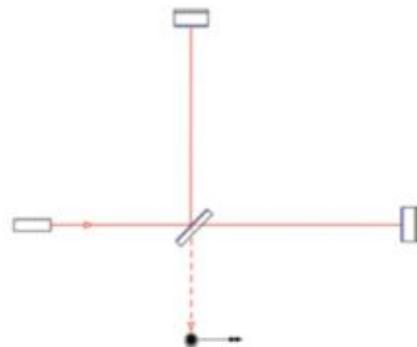
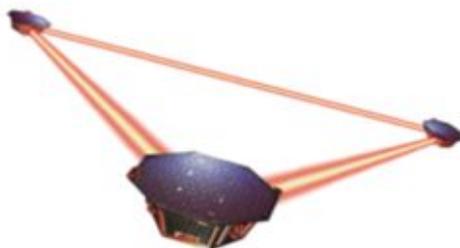
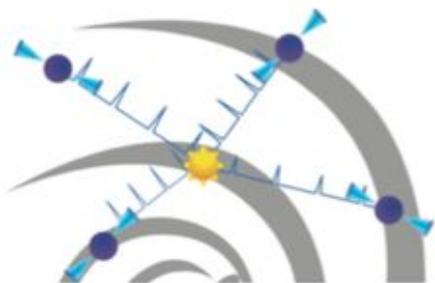
Division of Physical Sciences





Gravitational wave astronomy group







LIGO Data Analysis

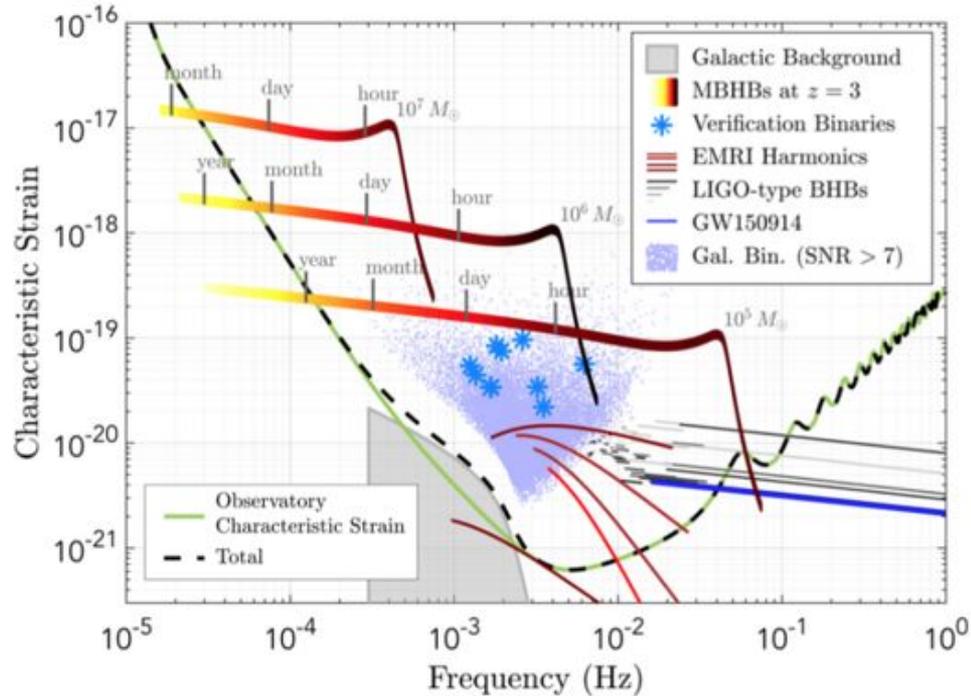
Continuous Wave Detector Characterization

see talk by Ansel Neunzert: *Noise Characterization for Continuous Wave Searches*

Numerical Relativity

see talk by Tim Kosterstz, advised by Luisa Buchman: *Boundary Condition Implementation in SpEC*

LISA Data Analysis

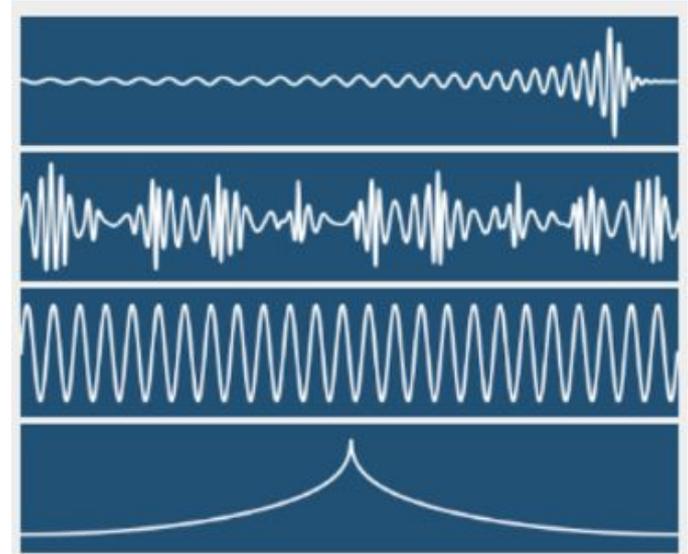




LISA Data Challenge (LDC)

Galactic Binaries

see talk by Kyle Gersbach:
*Gravitational Waves from
Galactic Binaries in LISA Data*



<https://lisa-ldc.lal.in2p3.fr>



NANOGrav Data Analysis

Gravitational Wave Detection

The NANOGrav 11 yr Data Set: Evolution of Gravitational-wave Background Statistics,
NANOGrav collaboration, ApJ, 890, 2, 2020

led by Jeff Hazboun

Pulsar Signal Simulator

led by Jeff Hazboun



Education and Public Outreach

