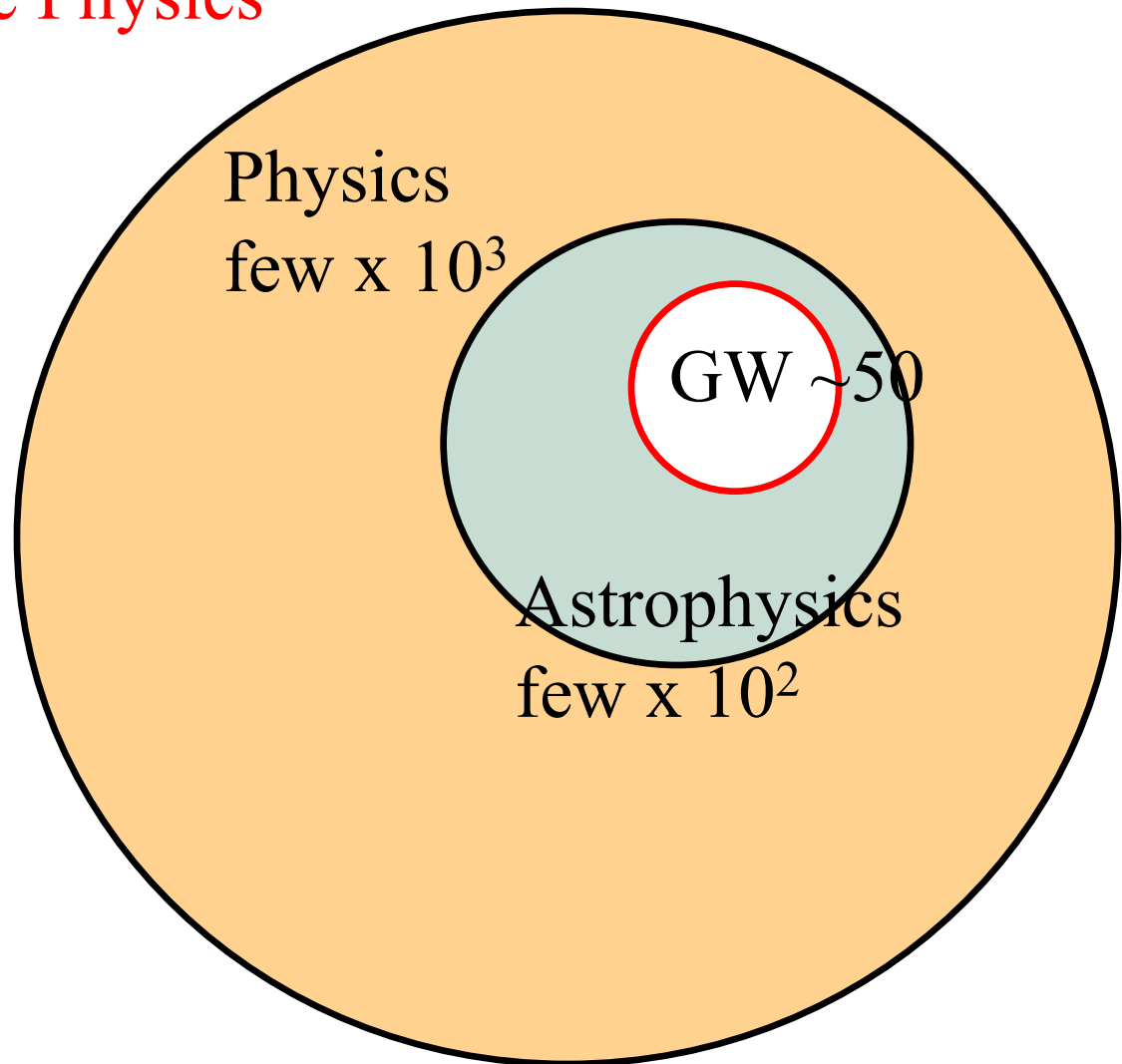


Hello!

# Physics, Astrophysics and Gravitational Wave Physics



# Interoperability

GW Physics & Astrophysics  
GW Physics & Physics  
Science & Engineering

- GW Source Modelling

Interoperability, exchange and collaborations are needed for sustaining the project over long periods, jobs and funds

- Tests of Relativity and Strong Gravity
- Multi-Messenger Astronomy
- Dense Nuclear Matter from GW Observations
- Cosmology Using GW
- GW Astrophysics
- Machine Learning

# HRD for LIGO-India

- LIGO-India in its operational phase will need about 100 (?) people with levels of expertise ranging from very advanced to more normal engineering skill sets. Very few of these are available at the present.
  - I Systematically mine the IITs, IISERs, Engineering i Colleges, Universities... nel,
  - i Use the IIA M.Tech. programme and develop other c programmes like it...
  - A Offer fellowships in various institutions for LIGO- e  
r India related studies... e
- developed resources for LIGO-India would be left flapping in the breeze.

**Thank You!**