**KCAP-Gaia**

**Objectives-** To analyze various globular clusters by making its HR diagrams and inferring its age and metallicity.

**Week 1:**

Magnitudes,

Intro to Gaia (easy codes like cone and rectangle search)

Coordinate systems

Preliminary readings with above

**Week 2:**

Intro to HR diagram and different spectral classes etc

Little harder Gaia queries (parallax/proper motion error cuts)

**Week 3:**

Intro to isochrones,

Globular cluster Gaia codes (harder than week 2)

**Week 4:**

Metallicity of clusters,

Age of clusters

And how to infer these by isochrone fitting