Star Clusters - Syllabus

- Definition and characteristics of Star Clusters
  1. Open Clusters
  2. Globular Clusters
  3. Stellar Associations
  4. Moving Groups
  5. Massive Star Clusters
- Formation and Evolution
- Observational and "theoretical" techniques:
  1. Membership determination
  2. Isochrone fitting
  3. Pitfalls of reduction techniques

- (Different) Main Sequence(s)
- Extragalactic Star Clusters
- N-body simulations
- Databases and surveys (Webda, Gaia, GAIA-ESO survey, …)
- Future challenges
  1. E-ELT
  2. Large Scale Surveys
  3. …

- All slides as .pdf files on Server for download