

Large Surveys with Small Telescopes

Discussion II - Spectroscopic Surveys

What are we talking about ...

- Surveys
 - statistically significant and reasonably controlled sample
 - rare objects
 - time domain - monitoring (?)
- Large
 - requires unsupervised automatic data reduction
- Small Telescopes
 - 1m, 2m, 4m?

Discussion points

- Projects
 - Current projects
 - Future projects (already planned)
 - Projects not yet on the agenda?
- Data reduction
 - Data driven methods - machine learning, deep learning
 - Common reference system, intercomparability
- Data access, sharing and archiving
 - Data volume of spectroscopic surveys significant but not per se challenging