

Stars, ISM and Solar System

- Stars, some ISM, no SSOs
- Some simple image processing needed (subtraction e.g. for variable or moving objects or narrow band imaging)
- Data validation (outliers, cross-calibration)
- Proposal writing
- Science case

Stars, ISM and Solar System

- Error propagation (e.g. J and H photometry has errors, when J-H is calculated, then J-H error is done as well automatically)
- Cloudy and dusty mentioned as examples of modeling tools which could be accessed through VO to compare with data

Science cases

- Several identified
- Approach is to download demo version, start working and to estimate
 - Additional tools needed
 - Need to polish existing VO tools
 - The availability of astronomer effort in time scales compatible with VO development

Projects

- Continuation of demo cases (Richards and Cambresy)
- AGB to PN transition (Garcia-Lario et al.)
 - Discovery of new candidates
 - Examination of spectra for classification
- Stellar variability (Ortiz)
 - Contains an idea of temporal data examination which may also be applicable to SED analysis

Projects

- Luminosity functions of star forming regions (Prusti)
 - Demo has already most of the tools
- Companions to PN central stars (Kerber et al.)
 - Demo has already most of the tools
 - Negative result would also have value

Projects

- Abundance gradients from PN and HII regions (Walton)
 - Link to modelling tools
 - Image subtraction