

Technology Report

NASA's Current Technology Goals

- Seem to be inline with what the group felt was needed
- Improved UV/Vis/NIR coatings are the largest possible improvement for a future mission
- Multi-object capabilities have already been supported (micro shutter arrays)
- Continued development of UV detectors is good – but could be supported more strongly

One new topic

- Funding instrument development to source new concepts that could be of use – wide field imaging spectrographs for the UV was given as an example.
- Currently, this design work is normally done as part of concept studies or funded missions
- Should there be funding to develop instrument concepts as a stand alone opportunity

Next steps

- The technology sub-committee will write a suggestion for Paul Hertz that will recommend the technology that needs to be invested in before the next decadal survey