Finding the UV-Visible Path Forward: A Community Workshop to Plan the Future of UV/Visible Space Astrophysics

June 25 & 26, 2015
NASA Goddard Space Flight Center

Our Charter

- To identify a **compelling** suite of science cases to provide programmatic focal points.
- Use this science portfolio to justify and energize the community to support **investment** in next generation UVV missions or facilities.
- To facilitate an **update** to the existing community-based roadmap for technology development for missions of **different** scales.
- To facilitate **communication** that will merge the needs and desires of the **science** community with the achievements and plans of the **technology** community.
- The SIG will report at periodic intervals (quarterly or semi-annually) to the **COPAG** Executive Committee and the NASA **Astrophysics Subcommittee**.
- The SIG is open to **any** interested members of the community and we welcome **any and all** input.

What We Want to Achieve

- Our top priority: to address the charge from Paul Hertz – does the community support the definition of a UV-visible Flagship-class mission concept
- We will discuss many aspects of this problem
- We will submit a recommendation to Paul before the end of July 2015
- We will discuss a variety of other topics germane to Astrophysics in the UV-visible that are non-Flagship-class in scope
- We will publish a 40-50 page report from this workshop for the community

Our Agenda Today

- The political landscape
- Existing Flagship-class studies: HDST and ATLAST
- Subcommittee Breakouts and Discussion
- Discussion about collaboration with the Exoplanet community
- Tour of large-aperture development facilities here at Goddard
- Group Dinner

Our Agenda Tomorrow

- Extended presentations and opportunity for discussion of findings from breakouts:
  - Science
  - Technology
  - Smaller mission classes
- Lunchtime video
- Discussion of our position concerning a possible Flasghip-class STDT study for the UV-visible
- Specification of our recommendations to Paul Hertz
- Future writing assignments and next steps