



Director's Discretionary Time 2019 Structured Review #1

Proposal Selection Summary

Overview



- **November 2018**

- *Science operations extended through Jan 2020*
- *2,500-3,000 hours available to allocate in final year*
- *Advertised three 2019 DDT review deadlines*
 - February 8, May 10, September 10
 - Time critical proposals accepted at any time

- **February 8, 2019 deadline**

- *Received 39 proposals requesting 3,180 hours*
- *6 requested > 200 hours each (2,284 hours)*

February 2019 Review



- **All proposals read by external reviewers**
- **Asked reviewers to rank programs as:**
 - *Priority 1 = must-do before the end of the mission*
 - *Priority 2 = good science, do if time is available*
 - *Reject*
- **Recruited mini-TAC to review large programs**
 - *5 people read all the large proposals*
 - *Telecon with SSC Director*

Large Programs Selected



| PID | PI | Science Category | Title | Hours - Priority | |
|-------|----------------|---------------------------|--|------------------|-------|
| | | | | 1 | 2 |
| 14257 | P. Miles-Paez | Exoplanets & Brown Dwarfs | Confirming the First Exoplanet around an L Dwarf | 316.8 | |
| 14223 | E. Agol | | Revisiting and refining the model of TRAPPIST-1 with Spitzer | 103.0 | |
| 14224 | D. Kirkpatrick | | Spitzer Parallaxes of Missing Members of the 20-pc Sample | | 246.5 |
| 14253 | M. Stefanon | High-z Galaxies | GO ² LF: Great Observatories Square-deg Legacy Fields | 150.0 | 462.3 |
| 14235 | C. Scarlata | | The Euclid Deep Field South | 150.0 | 537.1 |

- **Priority 1: 720 hours**
- **Priority 2: 1,246 hours**
- **Strong legacy value in the extragalactic surveys**

Small/Medium Programs



- Requested: 896 hours
- Selected
 - *Priority 1: 280 hours*
 - *Priority 2: 304 hours*

| Science Category | Priority | |
|------------------------|----------|-------|
| | 1 | 2 |
| Exoplanets | 111.5 | 30.8 |
| Debris Disks | 59.2 | 111.4 |
| High-z gals & clusters | 14.9 | 161.7 |
| YSOs | 93.4 | |
| Other | 1.1 | 0.3 |

Selection Summary



- **Priority 1 – 1,000 hours**
- **Priority 2 – 1,550 hours**
 - *Legacy value of the large proposals led us to select a large amount of priority 2 programs*
 - *Effectively fills the needed priority 2 pool*

Future Plan



- **Only priority 1, must-do programs will be selected for the remainder of the mission**
 - *Keep May 10 DDT Review Deadline*
 - *Cancel September 10 deadline*
 - *Everything is effectively time critical after July because only one visibility window left*
- **Time-critical proposals may be submitted at any time**
- **Priority 1 programs of any size will be considered**