



# **Cycle-9 Proposals Exploration Science, Large & Snapshot Submission Statistics**

**12 August 2012**



## Cycle-9 Overview



- **Proposal selection done in two parts**
  - > 100 hour programs selected in September, < 100 hour in December

- **Hours Available**

Program Type	Hours
Exploration Science ( > 500 hrs )	5,000 - 7,000
Large GO + Snapshot ( > 100 hrs )	1,500 - 2,000
Small GO ( < 100 hrs )	500 - 1,000

- **Review #1**

- *Proposal Deadline* August 3
- *Panel Review: September 11 – 14* TAC: *September 19 – 20*
- *Results Announced* September 28

- **Review #2**

- *Proposal Deadline* October 26
- *Panel Review* December 4 – 7
- *Results Announced* December 14



## Exploration Science & Large GO/Snapshot

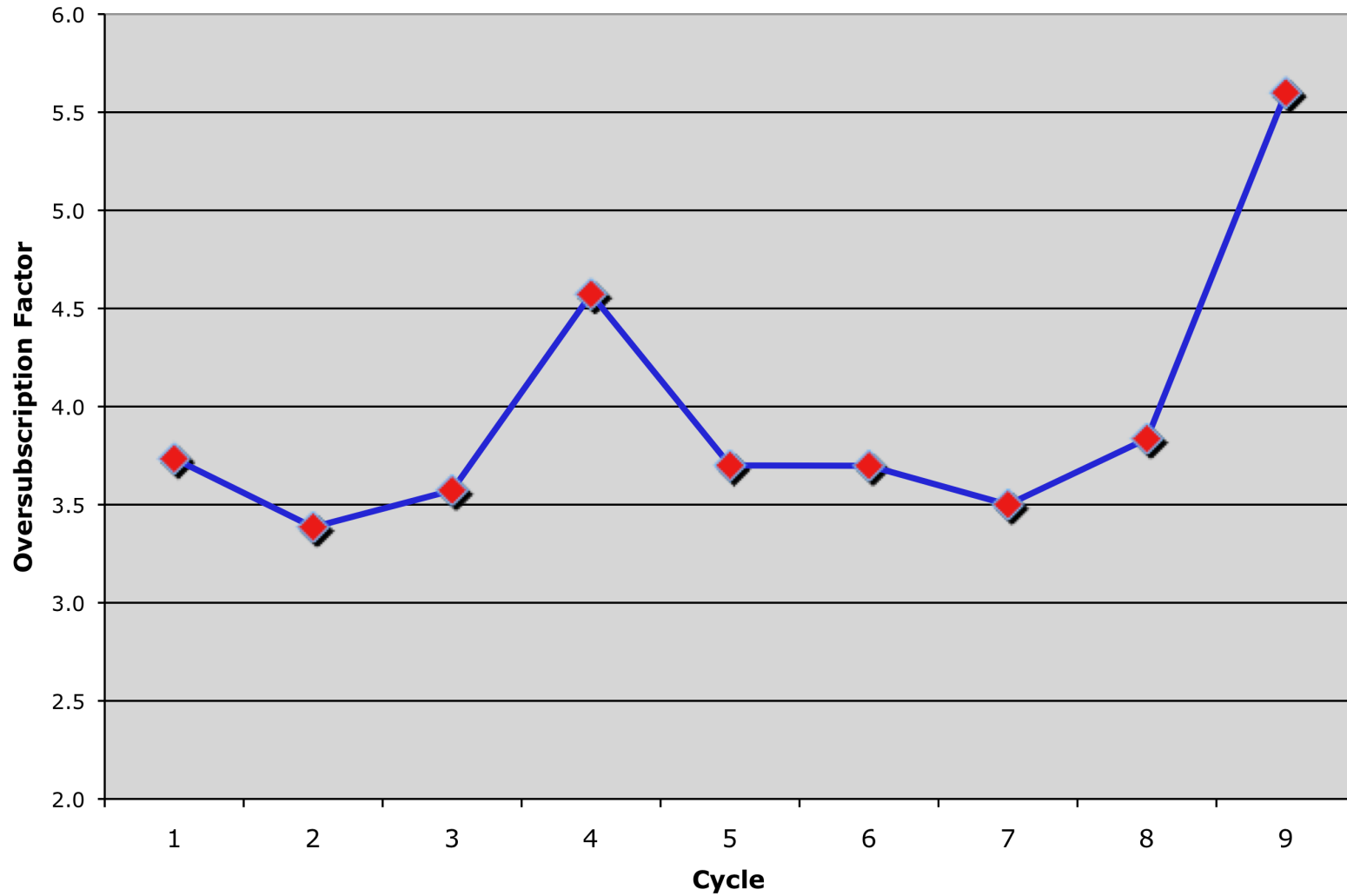


- **61 proposals received – 43,652 hrs requested**  
*(Cycle-8: 167 proposals – 27,949 hours, all proposal types)*  
*Oversubscription=5.6, same as Legacy, highest ever for GO Cycle*
- **Exploration Science – 29 proposals, 36,477 hours**  
– *6,000 hrs available → oversubscription = 6.1*
- **Large GO + Snapshot – 32 proposals, 7,176 hours**  
– *1,750 hrs available → oversubscription = 4.1*  
– *30 Large GO + 2 Snapshot proposals*
- **5 proposals request joint HST time**

**TAC will recommend the balance between Exploration Science and Large/Snapshot**



# Oversubscription (hours)





# Cycle-9 Exploration Science



- **6,000 hours available**      **36,477 hrs proposed**
  - *34 letters of intent received, 29 proposals submitted*

<b>Proposals</b>	<b>Science Category</b>	<b>Hours</b>
8	Exoplanets	14,439
7	Galactic	6,153
1	Solar System	1440
10	Distant Universe	11,620
2	Nearby Universe	1,555
1	AGN	1,270

- **1 proposal request low-impact ToOs**
- **Cycle-6 Exploration Science** 10,000 hrs available
  - *46 letters of intent, 35 proposals received, requested 38,050 hours*
- **Original Legacy Science Program** 3,160 hrs available
  - *34 letters of intent, 28 proposals received, requested ~16,800 hours*



## Cycle-9 Large & Snapshot



- **1,750 hours available**      **7,176 hrs proposed**
  - *32 proposals submitted (2 are snapshot)*

<b>Proposals</b>	<b>Science Category</b>	<b>Hours</b>
5	Exoplanets	1,546
12	Galactic	2,597
0	Solar System	0
8	Distant Universe	1,433
4	Nearby Universe	948
3	AGN/ULIRGs	652



## Institutions/Countries



- **38 Institutions, 5 countries**
- **Number of proposals/institution**  
*5 Caltech/SAO    4 JPL    3 Arizona, Carnegie*  
*2 Arizona St., Florida, Hawaii, IPAC, NRAO, SSC, Toledo, UC Davis*  
*25 institutions - 1 proposal*
- **10% are foreign-led proposals, 17% of time**  
*3 United Kingdom    1 Germany, Belgium, Switzerland*



# Proposals Sizes



- **4 proposals > 2000 hours**
  - *Same as cycle-6*
- **First time we have received > 3000 hour proposals**

Exploration Science	
Hours	# Proposals
500 - 1000	17
1000 - 1500	7
1500 - 2000	1
2000 - 3000	2
3158	1
5405	1

Hours Requested	All	Large + Snapshot	ES
median	495.0	187.3	951.8
mean	715.6	224.3	1257.8





# Science Categories

## Number of Proposals



- **Extragalactic (45.9%) 28**

AGN/ULIRGs	4	Clusters	4
High-z Galaxies	16	Nearby Galaxies	4
  
- **Galactic/Planetary (54.1%) 33**

Extra-solar Planets	13	YSOs	2
Brown Dwarfs	7	Debris Disks	1
Star Formation	4	NEOs	1
Evolved Stars	4		
Stellar Populations/Extragalactic Stars	4		



# Science Categories

## % Time Requested



- **Extragalactic (40.0%)**      **17,477 hours**
  - AGN/ULIRGs      4.4%
  - High-z Galaxies      28.6%
  - Clusters      3.1%
  - Nearby Galaxies      3.9%
  
- **Galactic/Planetary (60.0%)**      **26,175 hours**
  - Extra-solar Planets      36.6%
  - Brown Dwarfs      8.4%
  - Star Formation      4.0%
  - Evolved Stars      0.4%
  - Stellar Populations/Extragalactic Stars      6.0%
  - YSOs      0.9%
  - Debris Disks      0.4%
  - NEOs      3.3%