



# Spitzer Cycle-13 Proposal Submission Statistics



## Overview



- **115 proposals received – 39,795 hours!**
  - *C11 157 proposals – 41,970 hours*
  - *C10 137 proposals – 31,817 hours*
- **Hours Solicited**
  - *12,000 priority 1 + up to 2000 hours of priority 2+3*
    - Most time ever solicited in one proposal call, up to two years of observations
    - Cycle-6: Original Exploration Science
      - *10,000 hrs available, 38,050 hrs requested*
- **One-third are preparing for JWST follow-up**
- **New for Cycle-13**
  - *Frontier Legacy proposals > 2000 hours*



# Size Distribution



	#	Hours
<b>Frontier Legacy</b>	7	23,708.6
<b>Exploration Science</b>	9	9,594.3
<b>Large GO</b>	22	4,634.2
<b><i>Sub-total</i></b>	<b>38</b>	<b>37,937</b>

Reviewed by  
Panels & TAC

	#	Hours
<b>Med GO</b>	46	1,713.6
<b>Small GO</b>	31	144.5
<b><i>Sub-total</i></b>	<b>77</b>	<b>1,858</b>

Reviewed by  
External  
Reviewers

<b>Total</b>	<b>115</b>	<b>39,795</b>
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# Summary by Size and Science Category



	Solar System		Galactic		Extragalactic		Total	
	#	Hours	#	Hours	#	Hours	#	Hours
<b>Legacy</b>	1	2,159.6	1	4,605.0	5	16,944.0	7	23,708.6
<b>ES</b>	0	-	7	6,569.2	2	3,025.1	9	9,594.3
<b>Large</b>	3	570.3	12	2,327.6	7	1,736.3	22	4,634.2
<b>Med</b>	3	54.2	23	936.1	20	723.3	46	1,713.6
<b>Small</b>	1	2.6	18	78.3	12	63.6	31	144.5
<b>Total</b>	<b>8</b>	<b>2,787</b>	<b>61</b>	<b>14,516</b>	<b>46</b>	<b>22,492</b>	<b>115</b>	<b>39,795</b>



# Our Solar System



- **8 proposals** *7% by number and hours*
  - *NEOs = 79% of the solar system time requested*

Science Category	#	Hours
<b>Our Solar System</b>		
asteroids	1	10.4
comets	1	268.7
KBOs	1	145.5
NEOs	2	2,189.6
planets	1	156.1
satellites	2	16.4
<b>Total</b>	<b>8</b>	<b>2,787</b>



# Galactic Science



- **61 proposals**
  - *53% by number*
  - *39% of the time*
  - *Exoplanets = 84% of the galactic time requested*

Science Category	#	Hours
<b>Our Galaxy</b>		
<b>brown dwarfs</b>	6	471.9
<b>compact objects</b>	1	148.9
<b>debris disks</b>	10	216.8
<b>evolved stars</b>	5	74.5
<b>exoplanets</b>	27	12,182.7
<b>gal. structure</b>	2	295.8
<b>massive stars</b>	2	6.1
<b>stellar pops</b>	1	158.0
<b>xgal stars</b>	4	361.9
<b>YSOs</b>	3	599.6
<b>Total</b>	<b>61</b>	<b>14,516</b>



## Extragalactic



- **46 proposals** *40 % by number and 57% of the hours*
  - *High-z/cosmology = 87% of the xgal time requested*

Science Category	#	Hours
<b>Extragalactic</b>		
AGN	4	530.3
clusters	5	170.1
cosmology	4	6,596.5
high-z galaxies	20	12,992.8
local group/nearby gals	12	362.5
ULIRGS	1	1,840.1
<b>Total</b>	<b>46</b>	<b>22,492</b>



## Joint Time



- **HST - 11 proposals - total 66 orbits**
  - *up to 60 orbits available*
  - *Several request simultaneous observations*
  
- **Chandra - 1 proposal - total 173 ksecs**
  - *up to 200 ksecs available*
  - *requests simultaneous observations*