



# Spitzer Cycle-14 Proposal Submission Statistics



# Overview



- **114 proposals received – 21,506 hours**
  - *~ 6,000 hours available, total oversubscription 3.6*
  - *115 received in Cycle-13 • 39,795 hrs requested • 14,000 awarded*
- **Majority of proposals aimed at future mission science**
  - *JWST= 42                    GTO programs and GO proposals*
  - *TESS = 6                    simultaneous with specific targets or follow-up of new discoveries*
  - *WFIRST = 6                extragalactic/galactic targets, microlensing*
- **9 with ToO components**
  - *Includes 3 proposing gravitational wave source follow-up*



# Size Distribution



<b><i>Cycle-14 Total</i></b>	<b>#</b>	<b>Hours</b>
<b>Large GO</b>	36	19,107
<b>Med GO 10 - 100 hrs</b>	54	2,301
<b>Small GO &lt; 10 hrs</b>	24	99
<b><i>Sub-total</i></b>	<b>114</b>	<b>21,506</b>

<b><i>Large GO Breakdown</i></b>	<b>#</b>	<b>Hours</b>
<b>&gt; 1000</b>	5	6,896
<b>500 - 1000</b>	10	7,401
<b>100 - 500</b>	21	4,810
<b><i>Sub-total</i></b>	<b>36</b>	<b>19,107</b>



# Summary by Size and Science Category



	Solar System		Galactic		Extragalactic		Total	
	#	Hours	#	Hours	#	Hours	#	Hours
> 1000	0	-	2	2,119.7	3	4,776.0	5	6,895.7
500 - 1000	1	846.7	7	4,683.4	2	1,870.0	10	7,400.1
100 - 500	1	195.4	14	3,182.0	6	1,432.3	21	4,809.7
10 - 100	4	186.8	32	1,302.5	18	812.9	54	2,302.2
< 10	2	10.1	12	52.6	10	35.8	24	98.5
<b>Total</b>	<b>8</b>	<b>1,239</b>	<b>67</b>	<b>11,340</b>	<b>39</b>	<b>8,927</b>	<b>114</b>	<b>21,506</b>



# Our Solar System



- **8 proposals** *7% by number and 6% hours*
  - *NEOs = 68% of the solar system time requested*

Our Solar System		
<b>asteroids</b>	<b>4</b>	<b>137.0</b>
<b>comets</b>	<b>2</b>	<b>59.9</b>
<b>NEOs</b>	<b>1</b>	<b>846.7</b>
<b>planets</b>	<b>1</b>	<b>195.4</b>
<b>Total</b>	<b>8</b>	<b>1,239</b>



# Galactic Science



- **67 proposals**
  - *59% by number*
  - *53% of the time*
  - *Exoplanets & Brown Dwarfs = 92% of the galactic time requested*

Science Category	#	Hours
<b>Our Galaxy</b>		
<b>brown dwarfs</b>	14	3,487.2
<b>compact objects</b>	3	96.7
<b>debris disks</b>	7	86.7
<b>evolved stars</b>	3	29.2
<b>exoplanets</b>	31	6,953.7
<b>star formation</b>	3	96.7
<b>YSOs</b>	4	312.9
<b>xgal stars</b>	2	277.1
<b>Total</b>	<b>67</b>	<b>11,340</b>



# Extragalactic



- **38 proposals** *34% by number and 41% of the hours*
  - *High-z galaxies = 65% of the extragalactic time requested*

Science Category	#	Hours
<b>Extragalactic</b>		
<b>AGN</b>	6	1,428.4
<b>clusters</b>	4	165.1
<b>ULIRGS</b>	2	921.0
<b>high-z galaxies</b>	10	5,821.2
<b>local group/nearby gals</b>	11	374.1
<b>starburst galaxies</b>	1	115.4
<b>other extragalactic</b>	5	101.8
<b>Total</b>	<b>39</b>	<b>8,927</b>



## Additional Information



- **24 foreign-led proposals – 3,956 hours**
  - *21% of the proposals, 18% of the requested time*
  
- **No joint HST or Chandra time offered**





## Cycle-14 Review



- **All proposals will be reviewed by topical science panels**
- **Highly ranked large proposals will be forwarded by the panels to the Time Allocation Committee for further review**
- **In-person review meeting at the SSC in May**
- **Results will be released by the end of May**