

1. MAssive Cluster Survey	26. Image 6
2. Chandra ACIS	27. Image 15
3. X-ray emission from hot gas	28. Image 2
4. Image 10	T7 29. Image 8
5. H2356-309	30. Image 16
6. WHIM warm-hot intergalactic medium	31. NGC 1260
7. Sculptor Wall	32. Perseus
8. VLBI very long baseline interferometry	T15 33. Image 3 or Image 14
9. Image 15	34. Quark star
10. NGC 5128	35. PGC 42510
11. Galactic cannibalism, remains of spiral	T2 36. Cepheid variables
12. X-Ray	37. Cen 30 in Centaurus Cluster
13. NGC 7319	38. M77
T6 14. Mrk 205	39. Weak broad emission lines
15. Halton Arp	40. Hidden Seyfert 1
16. Image 1	41. flux ratio $[N II] \lambda 6583/H\alpha \lambda 6563$
17. Arp 243	T3 42. BPT plot (Baldwin Phillips Terlevich)
18. Neutral Hydrogen absorption	43. HII regions
19. Image 13	44. LINER galaxies
20. mass density	45. Seyfert II or NLRG
T10 21. dark matter	46. -23
22. Image 11	T11 47. 3.01E6 years
23. Image 6	48. -24.3
24. ULIRG	49. magnetohydrodynamics
25. Vorontsov-Velyaminov interacting galaxies	50. 5.07E39 Watts

School #

School Name

SCORE

Participants

- | | |
|---|---|
| 51. BL Lac | 76. narrow |
| 52. X-shaped radio galaxy | 77. bulk motion of NLR clouds |
| T1 53. Spin flip due to black hole merger | 78. $4c - 5c$ |
| 54. C | T9 79. superluminal motion |
| 55. L | 80. near speed of light, small angle to line of sight |
| 56. B | 81. electrons and ion plasma |
| 57. I | 82. NLRG |
| 58. F | 83. BLR broad emission lines |
| 59. cD | 84. relativistic beaming/boosting |
| 60. George Abell | 85. 75 km/s |
| 61. BLRG | 86. 3.33 or 0.30 |
| 62. BL Lac | 87. 17.7 solar masses |
| 63. LINER | 88. faint halo, stellar spectrum, host galaxy |
| 64. Seyfert II | T13 89. $10^{-26} \text{ W/m}^2\text{Hz}$ |
| 65. Normal galaxy | 90. ergosphere |
| 66. Quasar | 91. Toomre sequence |
| T8 67. 13455 km/s | 92. big blue bump |
| 68. 1590 km/s | 93. reverberation mapping |
| 69. 192 Mpc | T14 94. microquasar |
| 70. 2.35 Mpc | 95. Stromgren depth/sphere/radius |
| 71. $1.37E15$ solar masses | 96. Lyman edge/limit/discontinuity 912 A |
| 72. UV | 97. Gunn-Peterson test |
| T12 73. 1.34 | 98. Eddington limit |
| 74. Lyman- α forest | T4 99. Dynamical friction |
| T5 75. 350 km/s | 100. Blandford-Znajek process |

Bonus Sir Arthur Eddington