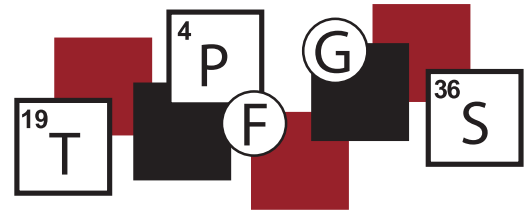


CrosswordPuzzle

Theme: *Microscopy Today* Innovation Awards

by Aubrey Penn and Erica Stevens



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Across

1. Foldscope construction technique
5. One 2018 winner of 32-Across was a portable SEM-EDS that is small enough to be __ luggage (2 words)
11. Purified water with high resistivity (abbr.)
12. Soccer association
13. Russian “yes”
14. Common word in 32-Across winner descriptions, meaning pushing diffraction limit boundaries
19. Microscope viewing port not required for a 2016 32-Across award winning stereo microscope
20. Water filtration method using a semi-permeable membrane (abbr.)
21. Colorful spring-blooming flowers (pl.)
22. Repeat units (pl.)
29. One 2017 32-Across awardee developed a microscope for this ocean level
32. Annual *Microscopy Today* recognition for inventive microscopy-related products and methods
37. Japanese chess
38. Utah soccer franchise (abbr.)
39. Vintage
40. Smallest scale to image materials
43. Butter-flour mixture in sauce making
45. Home state of Keck Microscopy Center (abbr.)
46. Roadside assistance company (abbr.)
48. 2019 32-Across winner for adding 3D fluorescence to this microscope type
57. Baking species (pl.)
58. Sneeze response (2 words)
59. Onomatopoeia for discreetly getting attention
60. Horned mammal
61. Pismire
62. Classic English rock band (abbr.)
64. Stitch
65. Half the distance across a circle (pl.)
66. More scarce
67. Beneficial property
68. Region of the brain controlling circadian rhythms (abbr.)

Down

1. Beginning
2. Force
3. Falling in drops
4. Bogs
5. Senior executive who manages money (abbr.)
6. Afflict
7. University named for a famous DNA crystallographer (abbr.)
8. Rodent
9. Olfactory stimulant
10. 10^{-9}
15. Uruguayan Peso (abbr.)
16. Follows an ending
17. Comic publisher (abbr.)
18. Topographic imaging technique (abbr.)
23. Greek unit of weight (pl.)
24. One 2012 32-Across winner improved AFM speed by this many times
25. First name of the Barefoot Contessa
26. Acronym indicating success (abbr.)
27. Plumed military hat
28. Wander idly
30. One 2011 32-Across winner combined this spectroscopy with AFM (abbr.)
31. Mexico’s capital (Sp., abbr.)
32. Looking for (abbr.)
33. Teams in this league include Bruins, Rangers, and Penguins
34. Gesture of greeting or assent
35. By
36. Suffix indicating a practice
41. Number in direct electron detector name (pl.)
42. Nurses
43. Hits
44. To bump roughly (third-person present tense)
47. Augmentation Award For Science & Engineering Research Training (abbr.)
48. One 2018 32-Across winner developed engineered materials for ___-lensing
49. Original Equipment Supplier (abbr.)
50. Three 2016 32-Across winners included this radiation emitter
51. Audi sports car (abbr.)
52. Orchestral instruments (pl.)
53. Shines
54. Constellation Taurus five-star cluster
55. Bond between oppositely charged particles
56. Switch dance partners
60. Previously EMSA (abbr.)
63. Home state of the last in-person M&M Meeting

Answers to the crossword puzzle can be found on page 85.

MT



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