Crossword

Intersections 4: A (mostly) Scientific Crossword*

Shobhana Narasimhan
Jawaharlal Nehru Centre for
Advanced Scientific Research
Rachenahalli Lake Rd
Jakkur
Bengaluru, Karnataka 560 064,
INDIA
Email: shobhana@jnrasr.ac.in

Madhavan Mukund
Chennai Mathematical Institute
H1, SIPCOT IT Park, Siruseri
Kelambakkam 603 103, Tamil
Nadu.
Email: madhavan@cmi.ac.in

*Vol.26, No.11, DOI: https://doi.org/10.1007/s12045-021-1268-z
Two sets of clues are provided; a set of cryptic clues, and a set of quick clues. The answers to both sets of clues are the same.

CRYPTIC CLUES

Across

1. Up or down, from top to bottom they have a strange charm? (6)
4. To leave out again trembling reptile (6)
8. Tech giant keeps doctor away (5)
9. Radio stars found confused Paul mixed up with RSS (7)
10. Spray ruins Leo’s oar (7)
11. Change later anyhow (5)
12. Ugly racist con makes drugs (9)
17. Initially outraged boy attacks middle aged President (6)
19. In plant I generate irritant causing immune response (7)
21. Lacy hem transforms lead into gold (7)
22. Refusing to talk hides it all (5)
23. Is reformed sexist? (6)
24. Borders of invaded Powers don’t expand (6)

Down

1. In midst of squalor, Sarah starts to become a strange star 6)
2. Longing endlessly for tablet (7)
3. Cycle goes madly berserk without hesitation (5)
5. Angry naval GI made frogs twitch (7)
6. Change! Countess of Lovelace has point! (5)
7. Mop up endlessly absurd sphere (6)
9. Malignant rayon lump affects the lungs (9)
13. Chemical that causes reaction about a man (7)
14. Tag it as a broken Roman arrow (7)
15. Decay consumed turn (6)
16. Glances around a hundred lost corners (6)
18. A superbly competent Indian innovator started to make character encoding standard (5)
20. Giant chip off ill-fated ship (5)

QUICK CLUES

Across

1. Subatomic particles with fractional charge (6)
4. Type of lizard (6)
8. Maker of IPhone (5)
9. Astronomical radio sources discovered by Jocelyn Bell Burnell (7)
10. Colloidal suspension of particles in air (7)  
11. Change (5)  
12. Drugs (9)  
17. Trump followed him (6)  
19. Rapid — test for Covid (7)  
21. Search for turning base metals to gold (7)  
22. Aggregate (5)  
23. Lives (6)  
24. Alloys that do not show thermal expansion (6)  

**Down**  
2. Quasi-stellar object (6)  
3. Common painkiller (7)  
4. Citric acid cycle that releases stored energy in body (5)  
5. Scientist who made dead frogs twitch (7)  
6. How organisms adjust to changes in their environment (5)  
7. Soak up (6)  
9. Pertaining to the lungs (9)  
13. Substance used in chemical reactions (7)  
14. Distance from the centre of an arc to the centre of its base (7)  
15. Spin (6)  
16. These are formed by two lines with a common vertex (6)  
18. American Standard Code for Information Interchange (5)  
20. Largest moon of Saturn (5)  

**NOTE:** Answers will be published in the next issue.