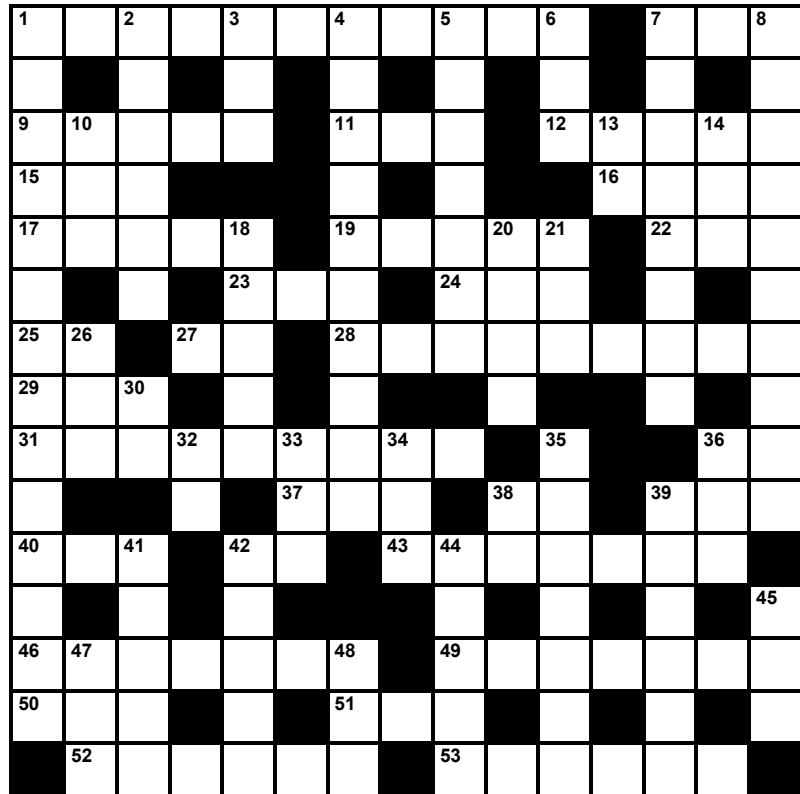


**Across**

- 1 This effect was the subject of an 80s Nobel prize (2 words)
- 7 UNIX-\_\_\_\_ (descendant of MERT)
- 9 Old-time calculators
- 11 Virtual world
- 12 Highly advanced technology emirate
- 15 \_\_\_\_NAV
- 16 Pottery maker
- 17 Gravity man, first name
- 19 Kind of code
- 22 Faint
- 23 Regret
- 24 Advanced payments, for short
- 25 Biosphere 2 state
- 27 Renaissance technologist, \_\_\_\_ Vinci
- 28 The environmental effect of a trashed computer? (2 words)
- 29 Mars color
- 31 Frequencies for metamaterials?
- 36 Spin
- 37 Fed. property manager
- 38 Degree
- 39 Existed
- 40 Toothed wheel
- 42 Specific gravity, abbr.
- 43 Complete complement of equipment needed for a space mission
- 46 Tin, for one



- 49 Solar panel material of the future?
  - 50 Observe
  - 51 Havana residue
  - 52 \_\_\_\_ roam
  - 53 "To do" list
- Down**
- 1 They could form the basis for topological quantum computing (2 words)
  - 2 Second Life feature that may form the basis for future online shopping
  - 3 The first "T" of TNT
  - 4 Fluid pressure measurers
  - 5 Biological weapon
  - 6 Type of screen
  - 7 Element that could form the basis for a novel kind of computing
  - 8 Business movers and shakers
  - 10 Humanities degs.
  - 13 Stephen Hawking territory, for short
  - 14 "Aladdin" prince
  - 18 Collision
  - 20 Rotate
  - 21 Computer bailout key
  - 26 Last of 26
  - 30 Evil or No?
  - 32 State building a natural gas pipeline
  - 33 Ovum
  - 34 Listening device
  - 35 Evil program
  - 36 Launch area
  - 38 "I did it \_\_ way" song
  - 39 Failed to use correctly
  - 41 Environmental color
  - 42 Charge container
  - 44 Beginning
  - 45 Communications authority
  - 47 Grassy area
  - 48 Identify