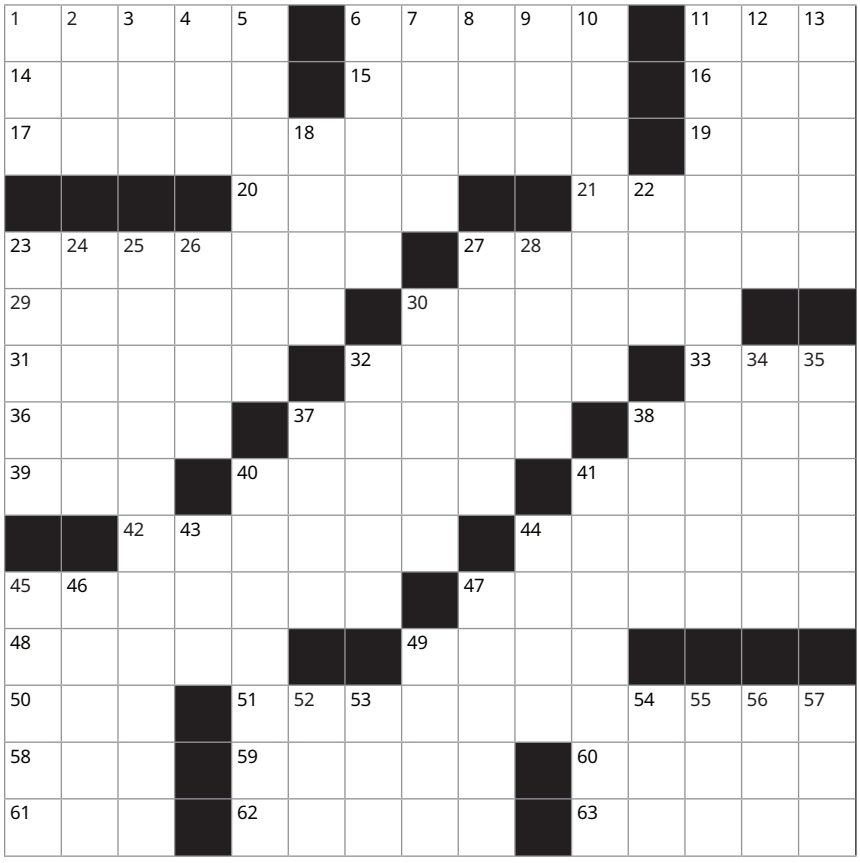
CROSSWORD

I see right through you

By Doug Mar



ACROSS

1 Glasses, informally
6 False identity
11 Craze
14 Open-mouthed and breathless
15 Physicist who invented portable x-ray vehicles to treat the wounded during World War I
16 Simu of *Barbie*
17 "Upholding ____," theme for the 2026 event in 25-Down
19 Function
20 Pan handler?
21 Online agitator
23 Faucet attachment
27 Shapes with surface area $4\pi r^2$
29 Kind of mining in the California Gold Rush
30 Canned heat brand
31 Zenith's opposite
32 Reeves who had an excellent adventure time traveling
33 Texting inits.
36 Fictional Sinclair, roommate of Wednesday Addams
37 Partner of live
38 James Clerk Maxwell, for one
39 Fuss
40 Organ imaged in coronary angiography
41 Word that can precede "bomb" or "shop"
42 Luminaries, such as 15-Across, 47-Across, and Godfrey Hounsfield
44 Seat cover?
45 Announces
47 Physicist Röntgen, recipient of the first physics Nobel Prize
48 Tehran native
49 One doing course work?
50 Faraday ____, device that accumulates and measures ions in a vacuum
51 Electron beams that produce x rays upon striking a metal target
58 Tire speed rating categories use this unit (abbr.)
59 Where you can encounter phishing
60 Insurgent
61 Pigpen
62 Hollandaise, e.g.
63 Makeup mishap

DOWN

1 Maple syrup source
2 Ryder Cup org.
3 Erode
4 CBS forensics franchise
5 Spirit
6 Ken Jeong's post-doctor profession
7 Unfortunate thing to run out of
8 *Science Friday* cohost Flatow
9 Medium with low x-ray attenuation
10 Transparent, informally
11 Instrument that produces an x-ray "movie," as during a barium swallow test
12 Plane divider
13 Climactic events in *Hamilton*
18 Koh-i-____ (diamond whose name means "mountain of light")
22 Kylo ____, villain in *Star Wars*
23 Sleep disorder
24 Spiral-horned antelope
25 World ____ Day, annual event on 8 November that celebrates the discovery of x rays
26 Low-pH substance
27 Begin
28 Ivy League sch. where the first radiographs were created by Arthur Goodspeed (before Röntgen)
30 Chars, like for tuna
32 Odist John who penned "Were I to study physic or rather Medicine again, I feel it would not make the least difference in my Poetry"
34 Roadside lodging
35 Seattle's WNBA team
37 Element with high x-ray attenuation
38 Persian for "king"
40 In spiral CT scans, the x-ray source traces out these shapes
41 Steals repeatedly
43 Fled
44 Perished
45 Bumpkins
46 Blow, as a volcano
47 Kind of number without a fraction or negative sign
49 Stylish
52 Physicians' org.
53 Greek letter sometimes used in physics for optical depth
54 Radiation dose unit that considers biological effects (abbr.)
55 Former Japanese Prime Minister Shinzo ____
56 Affirmative vote
57 Camera type with a movable mirror, for short

See the solution online at https://physicstoday.aip.org/news/crossword-i-see-right-through-you

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