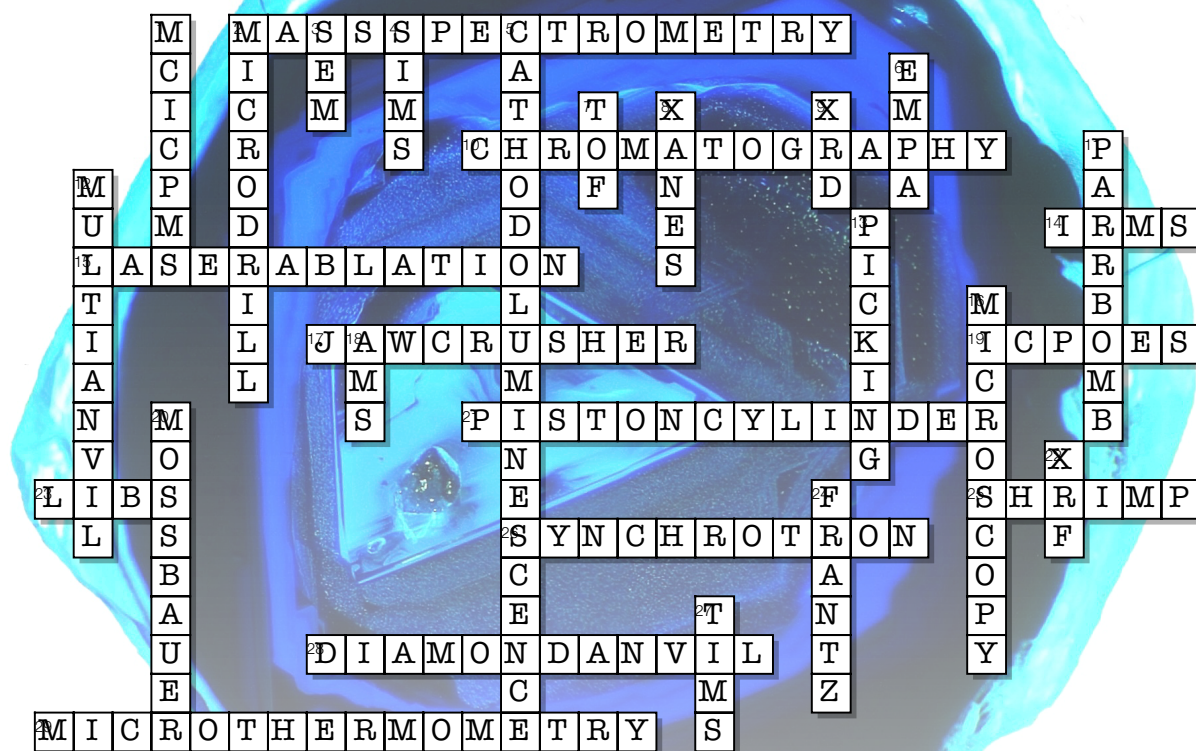


TECHNIQUES



ACROSS

- 2 Split them up by m and z (4,12)
- 10 Separate dissolved elements like colours
- 14 Traditional stable isotope analyses
- 15 Making craters with light (5,8)
- 17 Munches up rocks (3,7)
- 19 Measures major elements in a plasma (3-3)

21 To get data for your phase diagrams (6-8)

- 23 To kiss with a B
- 25 A sea creature
- 26 Beamline
- 28 Pressure by precious minerals (7-5)
- 29 Observe phase changes in trapped fluids

DOWN

- 1 Determines isotope ratios of ions produced at 8000 K (2-5)

2 Miniature coring

- 3 Use electrons to image
- 4 Also a video game
- 5 Makes your minerals glow
- 6 In situ electrons to determine composition
- 7 How long do ions fly?
- 8 To determine valence and coordination
- 9 Determines crystallographic structure

11 Pressurised dissolution (4-4)

- 12 Experiments for lower mantle conditions (5-5)
- 13 Alive and ...
- 16 Magnify your sample
- 18 Highest kE mass spectrometer
- 20 Gamma rays to determine oxygen fugacity
- 22 Excites sample with röntgen
- 24 ... Ferdinand magnet
- 27 Multiple Burtons