



LOOK AGAIN... LOOK AGAIN...

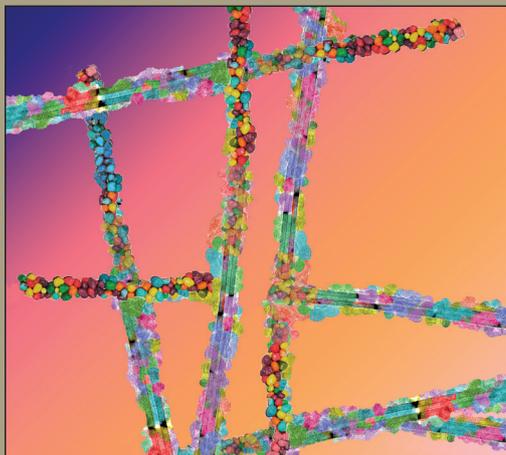
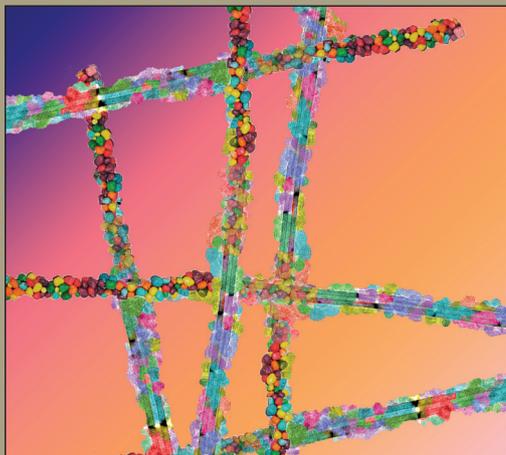
Just for Fun!

See if you can find the 8 differences in each set of images.

Nerds tubes

Cryogenic transmission electron microscope image of multiwalled boron nitride nanotubes 60 nm in diameter studded with vitrified low-density amorphous ice. The effect resembles a classic rope candy. False color was applied to reinforce the resemblance.

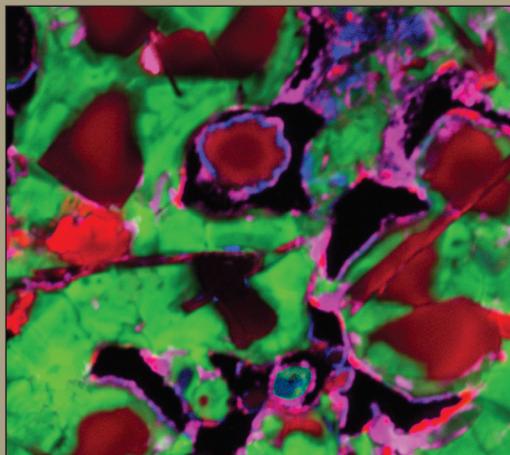
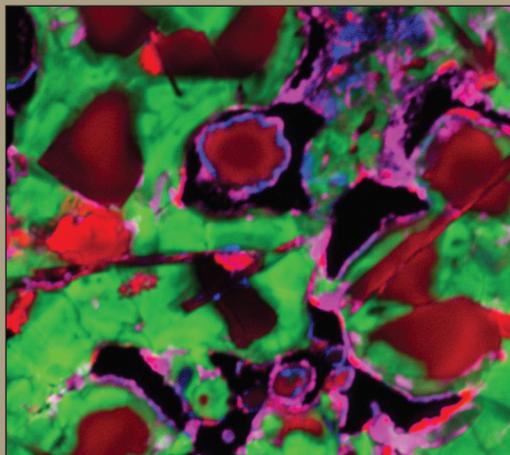
Hsin-Yun (Joy) Chao, National Institute of Standards and Technology, USA.



Colorful perovskites

Phase segregation in mixed 2D/3D metal-halide perovskite films give rise to areas of distinctly different photoluminescence as a result of different degrees of quantum confinement. Nikon Eclipse Ti-E microscope, 40X, 488-nm laser excitation and detection through photomultiplier tubes operating in different spectral ranges. Image size is 100 × 100 micrometers.

Maria Loi, University of Groningen, The Netherlands.



October 2020 answer key



Answers will be published in the February 2021 issue.

Images on the top were submitted to the Materials Research Society "Science as Art" competition. Images on the bottom were modified in Adobe Photoshop for this "Look Again" activity.