



# LOOK AGAIN...

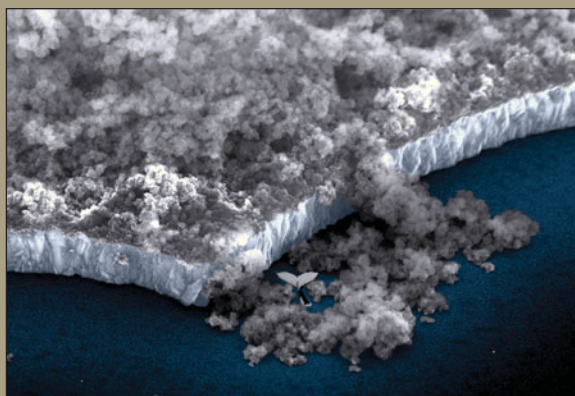
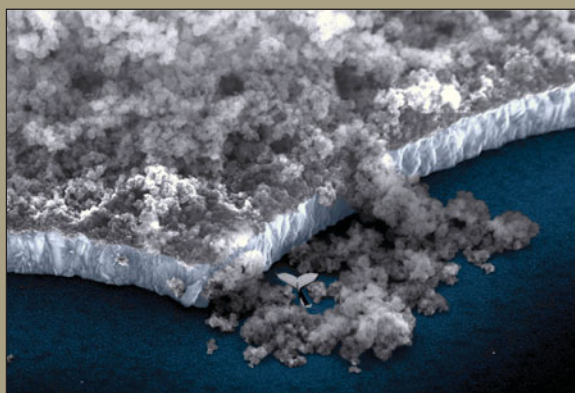
*Just for Fun!*

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

## Antarctic diamond

Chemical vapor deposition of nanodiamond particles on diamond film grown on silicon.

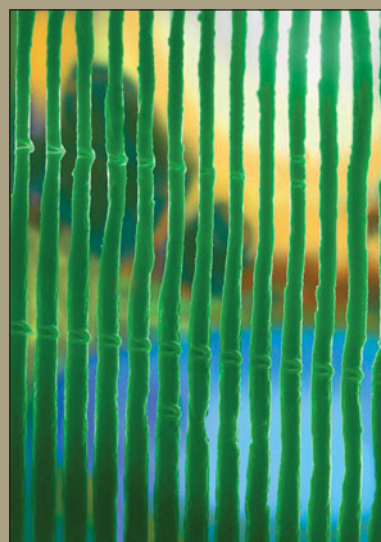
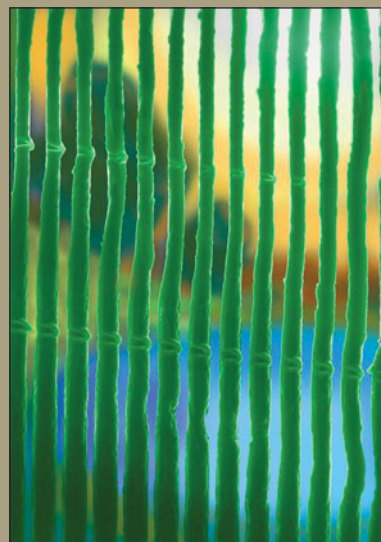
Nicolas Vaissière, Université de Versailles St-Quentin-en-Yvelines



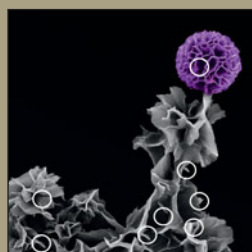
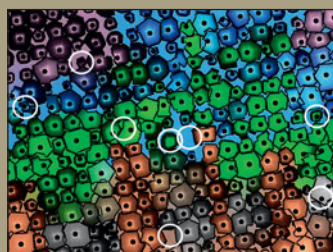
## Nanograting bamboo

Scanning electron microscope image of a thin layer of ITO deposited on polymer linear gratings. Gratings are lines with a pitch of 700 nm, height of 350 nm, and width of 350 nm. Polymer gratings are fabricated using nanoimprint lithography. Nonuniform heat and pressure distribution leads to a non-ideal shape of gratings.

Akram Khosroabadi, The University of Arizona



December 2014 answer key



The answers will be in the April 2015 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.