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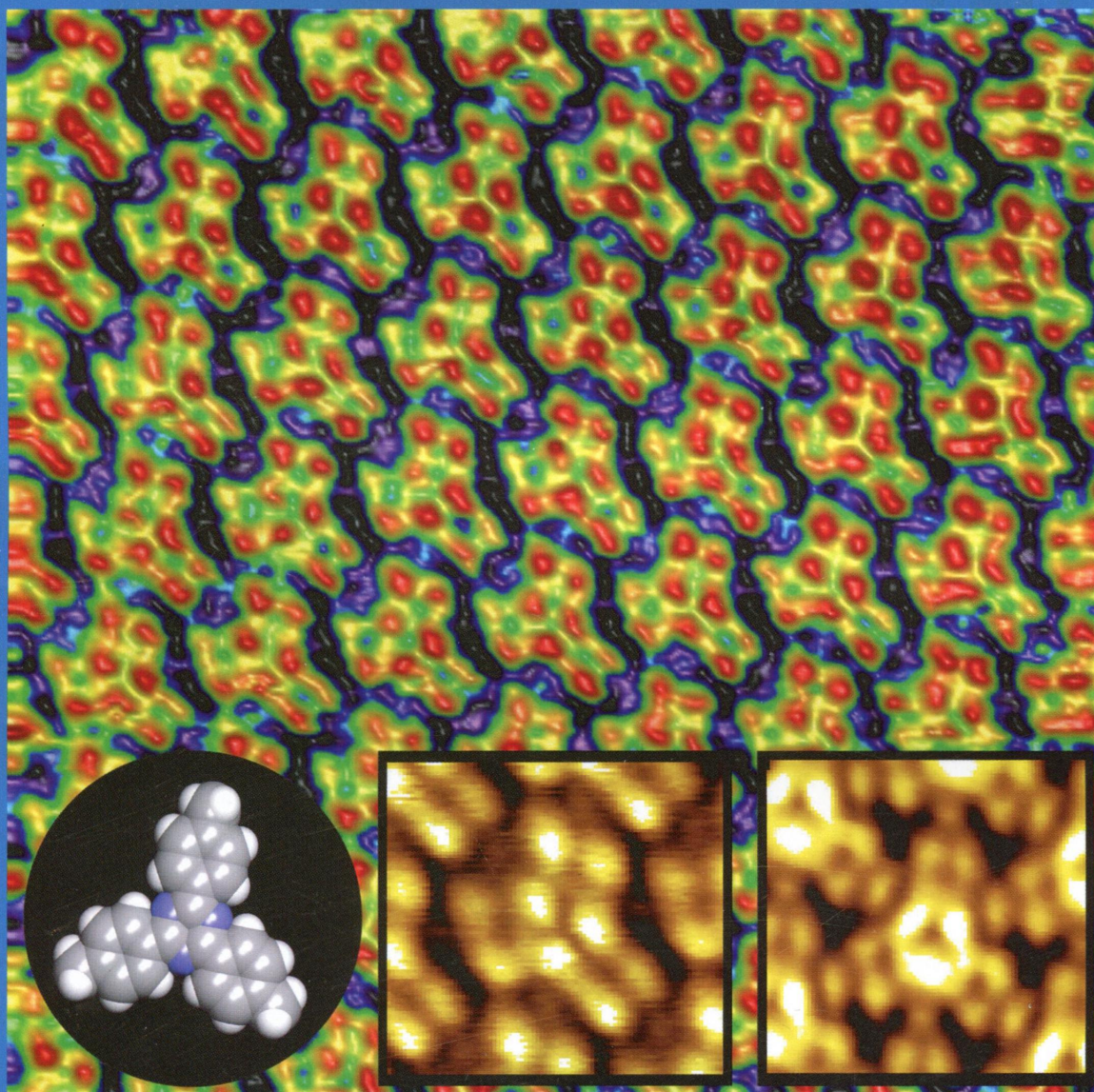
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Two-Dimensional
Self-Assembled
Nanoarchitecture of
2,4,6-Tris(4',4'',4'''-
trimethylphenyl)-
1,3,5-triazine
Star-Shaped Molecules
(see page 11975)

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ON THE COVER: Two-Dimensional Self-Assembled Nanoarchitecture of 2,4,6-Tris(4',4''-trimethylphenyl)-1,3,5-triazine Star-Shaped Molecules. Three-dimensional scanning tunneling microscopy (STM) image of star-shaped 2,4,6-Tris(4',4''-trimethylphenyl)-1,3,5-triazine network at the solid–liquid interface (background). The molecule (scheme in the round inset, bottom left) self-assembles into a close-packed nanoarchitecture on graphite. High-resolution STM images (square insets, bottom right) of single molecules reveal intramolecular features; that is, the molecular central ring appears brighter where nitrogen atoms are located, whereas the center of the molecule appears darker. These features depend on the tunneling parameters. See page 11975.

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