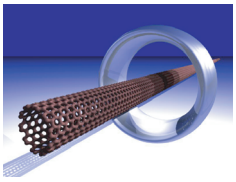

Visualization of an electronic "tubular image state" around a nanotube. The electron's attraction to its image charge combines with the centrifugal-barrier repulsion to localize it far from the nanotube, while defects in the tube could localize it as well in the longitudinal direction, as depicted. See article 135506.

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