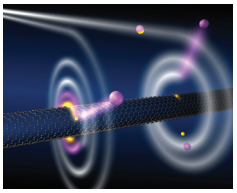
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Laser-cooled atoms spiral to the surface of a carbon nanotube charged to hundreds of volts. A captured atom's valence electron (yellow) tunnels into the tube. The resultant ion (purple) is subsequently ejected and detected. See article 133002.

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0031-9007(20100402)104:13;1-3

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