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**COVER DESCRIPTION** Graphene nanostructures can sustain collective electron oscillations (plasmons) that are switched on by the addition of a single electron. The image illustrates how a single electron (blue bullets) added to a graphene nanotriangle triggers the existence of such plasmons (brightness in the structures). This effect is very sensitive to the edge configuration: only nanotriangles with armchair edges have these plasmons, in contrast to triangles with zigzag edges. (designed by Nacho Gaubert, Augusto Figueroa 17, 3, Of 3, 28004 Madrid, Spain, [www.b-mice.com](http://www.b-mice.com), e-mail: [nacho@b-mice.com](mailto:nacho@b-mice.com))

