

Abstract for an Invited Paper
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Graphene Update

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Graphene is now a bright and still rapidly rising star on the horizon of materials science and condensed matter physics, revealing a cornucopia of new physics and potential applications [1]. I will overview our recent experimental work on graphene concentrating on its exotic electronic properties and speculate about potential applications. References [1] For review, see A. K. Geim, K. S. Novoselov. *Nature Mater.* 6, 183 (2007).