



Vrije
Universiteit
Brussel



Solvay Colloquium

“GRAPHENE: MAGIC OF FLAT CARBON”

Professor Andre Geim

The University of Manchester, UK

Abstract



Graphene is a free-standing atomic-scale chicken wire made from carbon. It is one atom thick and the first truly two dimensional crystal. Found only five years ago, it has rapidly become one of the brightest stars on the horizon of materials science and condensed matter physics, signifying a new paradigm of two dimensional materials that are now available for fundamental studies and development of novel technologies. Graphene has already revealed a cornucopia of new physics and, in addition, promises many applications that start looking increasingly realistic. I will overview our experimental work on graphene concentrating on its fascinating electronic and optical properties and speculate about future applications.

Tuesday 27 January 2009 at 16h00

COFFEE AND TEA WILL BE SERVED AT 15H45 IN FRONT OF THE SOLVAY ROOM

« SALLE SOLVAY » - SOLVAY ROOM

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CAMPUS PLAINE

BOULEVARD DU TRIOMPHE - ACCESS 2

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1050 BRUSSELS

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