



Random Walk to Graphene

大师讲堂
第10讲



Sir Andre Geim
2010 Nobel Laureate in Physics
University of Manchester

报告时间

2016年8月2日 (周二) 10:00

报告地点

清华大学主楼327

Time

10:00 am, August 2, 2016
(Tuesday)

Venue

327, Main Building, Tsinghua
University

All are welcome.

Abstract: Graphene – a single plane of carbon atoms – is probably the simplest material one can imagine. On the other hand, graphene has acquired so many superlatives to its name that people started calling it a wonder material. I will discuss how this research started and, then, try to explain why graphene attracts so much attention these days.

About the speaker: Sir Andre Geim is the Regius Professor and Royal Society Research Professor at The University of Manchester. He has received many international awards and distinctions, including the John Carty Prize from the US National Academy of Sciences and the Copley Medal from the Royal Society. Most notably, he was awarded the 2010 Nobel Prize in Physics for his groundbreaking work on graphene.

Andre Geim was born in Russia in 1958 to German parents and holds dual British and Dutch citizenship. He started his academic career in Moscow, spent several years as a postdoctoral researcher at the universities of Nottingham, Bath and Copenhagen and then moved to the Netherlands as associate professor before coming to Manchester in 2001.

During his career, Andre Geim has published many research papers, of which more than 15 are cited over 1,000 times and two cited over 10,000 times. The latter two are now in the list of 100 mostcited research papers in human history. Thomson-Reuters repeatedly named him among the world's most active scientists and attribute to him the initiation of three new research fronts – diamagnetic levitation, gecko tape and graphene.

Andre was also awarded the IgNobel prize in 2000 for his work on levitating frogs, becoming the only recipient of both Nobel and IgNobel Prizes. He has also received both Dutch and British knighthoods. He is married to a fellow physicist and long-term collaborator and has a daughter.