



QNERC Seminar

Wednesday, May 21, at 16:00 – 17:00
Conference Room 605, South-9

Graphene for Electronic and Photonic Applications

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Graphene is being touted as the new “wonder material” of the 21st Century. It can be produced in a number of ways but the quality of the material produced is very much dependent upon the production process. In this talk I will begin by briefly describing graphene and its properties. I will then describe the current methods of production and concentrate on the two methods adopted in our laboratory – exfoliation and CVD growth and their current limitations. This will be followed by a section describing the work carried out on photonic and optical applications. The presentation will also include our recent work on applications in the electronics field including its use in plastic electronics.

量子ナノエレクトロニクス研究センター客員教授として滞在中の William Milne 先生にグラフェン材料のエレクトロニクスおよびフォトニクス応用に関するお話をして頂きます。ふるってご出席下さい。

連絡先：小田俊理（3048）