Graphene Commercialisation Status

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Abstract

The properties of graphene make it an ideal candidate to be applied in electronics, photonics, sensors [1-3], energy, etc. Unfortunately, these applications are yet to be materialised since there are many integration challenges that have to be overcome before a new advanced material can be introduced into the market. How this integration will occur will depend on the application and the graphene type (graphene films vs bulk graphene). However, all the integration scenarios will require a scalable, uniform and high-quality graphene. In addition, depending on the application and type of graphene, regulation and toxicity issues could slow down the commercialisation process.

During this talk, I will give an overview of the integration challenges that we face in various graphene applications. Including, how this integration could be accelerated by offering a graphene device fabrication service.

References

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