



Graphene based hybrids and composites and their applications

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Abstract

Graphene and related materials (GRMs) are being produced via several techniques and most scalable of those is the liquid phase exfoliation (LPE). In this presentation production of GRMs via LPE will be discussed. Development of graphene based composites, aerogels and coated electronic textiles will also be discussed. Current and impending space based applications of manufactured graphene based aforementioned components will be elaborated.