

Graphene applications – Beyond the sticky tape

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Graphene - the so called "wonder material" could change the world with what seems endless applications and capabilities. Challenges exist in achieving this commercialisation and a key will be the creation of partnerships and collaborations to make these real from structures, to membranes and electronic applications. The National Graphene Institute (NGI) will house state of the art instruments and techniques to characterize graphene and to work with graphene and other 2D materials. The NGI will also collaborate on research projects with industry leaders. The building is specifically designed for industry to come and collaborate on academic research in order to push for the commercialization of Graphene enabling industry to work hand in hand with academics, and gain access to the science and the expertise it has to offer. The university is also focusing on a variety on Graphene applications such as electronics, membranes and coatings, energy storage, composition structure, the standard characterization of graphene, and Bio-Medical application.

