



GEMaC

**Groupe d'Étude
de la Matière Condensée**

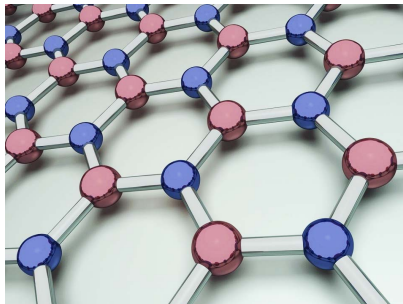
GEMAC JOINS THE EUROPEAN GRAPHENE FLAGSHIP

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Today, the aim is to exploit graphene properties in components that can be industrialised at European level. Highly sensitive to their environment, graphene layers achieve their best electrical conductivity when sandwiched in hexagonal boron nitride (hBN) crystals (Figure below). Following its pioneering work on two-dimensional hBN crystals, the Diamond for Electronics team of GEMaC was selected to join the Flagship for its expertise in material characterization.

Contact: Julien Barjon



Atomic layer of BN

Graphene Flagship : <http://graphene-flagship.eu/>

Nobel Prize in Physics in 2010 : https://www.nobelprize.org/nobel_prizes/physics/laureates/2010/press.html