

Letters of Interest Submission



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African Graphene Flagship Letter of Intent

Abstract

Graphene, discovered in 2004, is considered as the wonder nanomaterial with astonishing properties which deeply marked the condensed matter and Materials Physics. This layer of one atom thick has revolutionized the nanotechnology and stimulated a race in the global market to dominate the emerging high-tech applications based on this material and its derivatives. In the context of this race, the European Union research council mounted a large action named EU Graphene Flagship, with budget of €1 billion, to take graphene from the realm of the academic research to industry.

We propose to build an African Graphene Flagship gathering academic laboratories, industrials, and NGO. We also suggest that South Africa coordinates this flagship regarding its large expertise in graphene like materials.

Primary Category

Condensed Matter & Materials Physics

Secondary Category

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