

seminars

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seminar

Tuesday 31st January

c/Faraday, 9

Conference Hall

Imdea Nanociencia

Ciudad Universitaria de Cantoblanco

12:00h

Strains and novel properties of graphene and other two dimensional materials

Prof. Fco. Guinea

IMDEA Nanociencia

Strains and deformations induce unique features in graphene and other two dimensional materials, such as the transition metal dichalcogenides.

We review the interplay between two dimensionality, and elastic and electronic properties in these materials. We will also consider other novel uses of graphene, such as the possibility of it being a platform for quantum computing.

Nanociencia y Nanotecnología: lo pequeño es diferente

Nanoscience and Nanotechnology: small is different