

Seminář odd. 26

Tenkých vrstev a nanostruktur

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TÉMA

Physical chemistry on graphene

Dr. Pedro de Andres

***Institute Ciencia de Materiales de Madrid
Consejo Superior de Inv. Cientificas, Spain***

In this talk I shall review recent research on graphene in our group in Madrid. Besides introducing why this material has become so fashionable in recent years, I'll show results on the electronic structure of graphene AA-type bilayer, the role of stress on electronic and chemical properties on the single graphene layer, the epitaxial growth of graphene on Pt(111), accurate transition state calculations for diffusion and dissociation of hydrogen, and the electronic affinity of graphene.