



Universidade Federal da Paraíba
Centro de Ciências Exatas e da Natureza
Programa de Pós-Graduação *Stricto Sensu* em Física

colóquio

“Physical properties of sp^2 nanocarbons”

RESUMO: The sp^2 based nanocarbon materials are prototypes for nanoscience and nanotechnology. In this talk we discuss some emerging physical properties of different carbon nanomaterials such as graphene, carbon nanotubes and carbon nanowiggles. Emphasis will be given to electronic and optical properties, which can be tuned from semiconducting to metals by playing with different structural parameters such as chirality, edges, and stacking of graphene layers.

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20/fev/2014	15h00
Auditório da Pós-Graduação em Física (novo prédio)	