

Department of Physics & Astronomy

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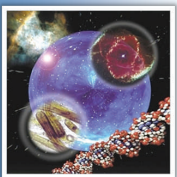
Friday, April 25, 2014

3:15p.m. -4:15p.m.

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Carbon materials synthesis for the chemical, electronics and oil/gas industries

New methods for growth of graphene and synthesis of graphene materials will be discussed along with the transition of these materials to industry for a host of applications. Also discussed will be the synthesis of various carbon materials for “green carbon applications”: the use of these compounds to minimize the environmental impact of oil and gas extraction. This will specifically cover downhole oil detection, minimization of carbon dioxide emissions in natural gas production, and clean-up of radionuclides from water.



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