

**23<sup>rd</sup> Cecil L. Brown Lectureship –**

# **Professor Louis Brus**

## ***Institute Professor at Columbia***

**Professor** Brus has a BA from Rice University and a PhD from Columbia University, both in Chemical Physics. As a Lieutenant in the U. S. Navy, he worked in the solid state and chemistry divisions of the Naval Research Laboratory in Washington DC. In 1973 he joined the research area of Bell Laboratories in Murray Hill, NJ, where he became Distinguished Member of Technical Staff. He returned to Columbia in 1996, where he is now S. L. Mitchill Professor of Chemistry. He is a member of the US National Academy of Sciences, and in 1998 was the Chairman of the Board of Trustees of the Gordon Conferences. He was originally trained in gas phase spectroscopy and kinetics. In the 1980s he explored basic ideas and colloidal methods for semiconductor nanocrystals (Qdots) that exhibit quantum size effects. His present interests include carbon nanotubes and graphene, chemical applications of local electromagnetic fields, and solar energy nanoscience. He has received the APS Langmuir Prize, the ACS Chemistry of Materials Prize, the OSA Wood Prize, the inaugural Kavli Prize in Nanoscience, and the NAS Prize in the Chemical Sciences. For further details of Professor Brus' s work, visit

[www.columbia.edu/cu/chemistry/groups/brus/](http://www.columbia.edu/cu/chemistry/groups/brus/)



***“Electron Correlation in  
Carbon Nanotubes and  
Graphene”***

**Tuesday  
October 4, 2011  
3:00 PM**

**Fiber Optics Auditorium  
Busch Campus, Rutgers  
University, Piscataway, NJ**

**Reception to follow**

***North Jersey Section***  
**American Chemical Society**



**Campus at New Brunswick/Piscataway**