**Applied and Plasma Research Seminar**

**Date**
19th January 2010

**Time**
1pm – 2pm

**Venue**
Lecture Theatre 1

---

**Mr Vicente Araullo-Peters**

Applied & Plasma Physics,
University of Sydney

vicente@physics.usyd.edu.au

---

**Electron Tomography of Fullerene structures**

Fullerene structures, such as carbon buckyballs, nanotubes, and amorphous carbon, have many applications in material science, yet can be extremely difficult to examine directly due to their size and complicated structure. Electron tomography is a method which reconstructs nanoscale objects from a series of electron microscope images. This powerful tool is examined as a possible means of obtaining the physical morphology of fullerene structures.

---

For further information, please contact Applied and Plasma Seminar Coordinator:
Dr. Cenk Kocer (02) 903 66504, c.kocer@physics.usyd.edu.au

For upcoming and past seminars, see: http://www.physics.usyd.edu.au/research/applied/seminars.shtml