



The Long Island subsection  
of  
the New York American Chemical Society

Cordially Invites You To:

*The Holiday Seminar & Dinner*

With guest speaker

Happy  
Holidays!

**Dr. Jon Friedrich,**

*Department of Chemistry, Fordham University, Bronx, New York  
Department of Earth and Planetary Sciences, American Museum of Natural History*

**Title of Talk:** "Investigating the impact processing of asteroids using quantitative three-dimensional petrography of ordinary chondrites."

**Synopsis:** The 3D imaging technique x-ray microtomography allows for the internal examination of materials at resolutions of up to about 1 micron/voxel (a voxel is a 3D pixel or volume element). Some background of the technique will be presented. Several quantitative applications of this 3D technique will be discussed including investigations into the porosity and degree of compaction of primitive meteorites. These investigations inform up about the impact history of a meteorite's asteroidal parent body.

**All are welcome!**

**When:** Thursday, December 7th, 2017

**Where:** Nassau Community College, CCB Building, Room 253

**Time:** 5:30 p.m. – Social, 6:00 pm – Dinner, 6:30 pm – Seminar Start

**Directions:** <http://www.ncc.edu/campuservices/parkingandsafety/mapanddirections.shtml>



1. Take I-495 east and get off at exit 38 (curved exit) to take Northern State Parkway east.
2. On the Northern State Pkwy, move to right (the exit merged to the left side of the parkway)
3. Get off at exit 31A to take Meadow Brook Parkway (south). (\* Northern state Parkway splits into two, so take the right side to merge into Meadow Brook Pkwy)
4. Take Exit M4 (sign reads "Hempstead" and "Coliseum", Hempstead Turnpike West)
5. It is a long exit. Follow "NCC" sign.
6. Road merges into "Charles Lindbergh Boulevard.
7. Drive a half mile, and make right at the first traffic light which leads to NCC main parking lot.
8. Ask someone where is the CCB Building is.

