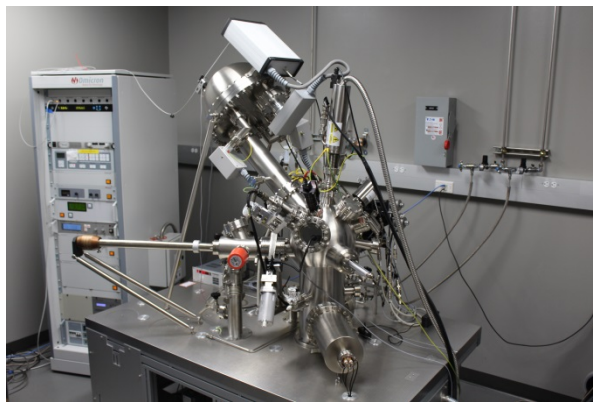


# MCF Seminar Series: XPS/UPS

**Date: Oct. 19, 2016**

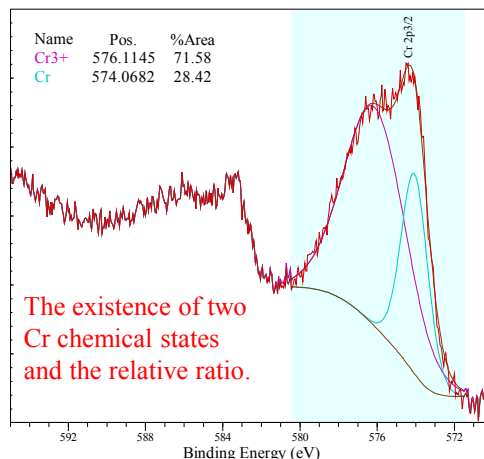
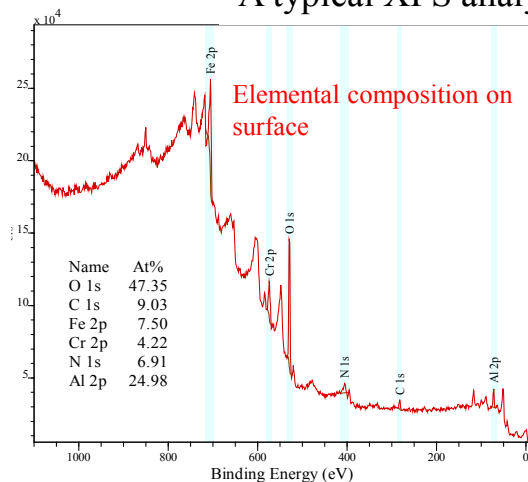
**Time: 12:00 – 1:00PM**

**Location: ERB 154**



**Description:** X-ray/UV photoelectron spectroscopy (XPS/UPS) is a surface-sensitive quantitative spectroscopic technique, which measures the binding energy of the core shell/valence band electrons. XPS/UPS is mainly for study of surface elemental composition, chemical and electronic state, experimental molecular orbital energy and material work function. This workshop will cover basic concept, application and limitation of the technique. It would be beneficial to those who have limited knowledge of this technique but interested in using it for their research.

A typical XPS analysis of a stainless steel surface



Register as seats are limited : [jingwu@tamu.edu](mailto:jingwu@tamu.edu)

\*\*\*\*\* Light refreshments will be provided \*\*\*\*\*

Free Parking is available

Directions to ERB: <http://aggiemap.tamu.edu/?Bldg=1611>