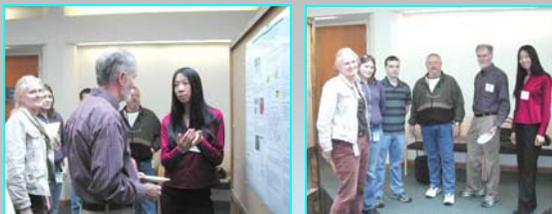




AVS CONFERENCE



On May the 11th the Mid-Atlantic Chapter of the American Vacuum Society Spring Conference was held at CEBAF Center. Hui Tien, a WM graduate student, presented her work on Niobium surface chemistry, and won an award later at the banquet. Above (left) she is pictured discussing her work to Fred Stevie, Chapter Chair, and others. Posing for a group picture (on the right) are Amy Wilkerson, Natalie Pearcy, Ryan Mendenhall, Richard Proper, Fred Stevie and Hui Tien.

TOF-SIMS UPGRADE IN PROGRESS



On May 16th Todd Bowman, Physical Electronics Support Engineer, arrived at the lab to install a new upgrade to the ToF-SIMS system. His goal is to add a new Argon sputtering system, which will work with our existing gold source, to make the process of depth profiling faster and more efficient. Todd is pictured with Haijian Chen, who is helping him unpack and install parts for the upgrade. Amy (above, on the right) is also pictured unpacking one of the numerous ToF-SIMS boxes. Images below capture some of the detail of Todd's work during the ToF-SIMS restoration. Haijian and Natalie are pictured here observing Todd.

LAB VISITORS



On May 5th Jay Anderson, Mid-Atlantic Region VEECO Metrology account manager visited our lab to talk about our Digital Instruments Scanning Probe Microscope.

On May 9th Yujun Song, an ODU graduate student, brought Jiangnan Zuo to visit the ARC labs.



FTIR UPGRADE



Another important upgrade to the lab, performed by Richard Proper, will improve the performance of the FTIR.



Richard installed the FTIR Purge Gas Generator (pictured left). This generator will provide dry air to the FTIR and increase the quality and stability of the IR spectra. Joan Thomas, WM research scientist, (pictured here with Richard) has already found this improvement to the system very helpful.