

Create and develop the desktop application software to conduct data acquisition, visualization, processing, and (possible) analysis of Auger Electron Spectroscopy waveform based data.

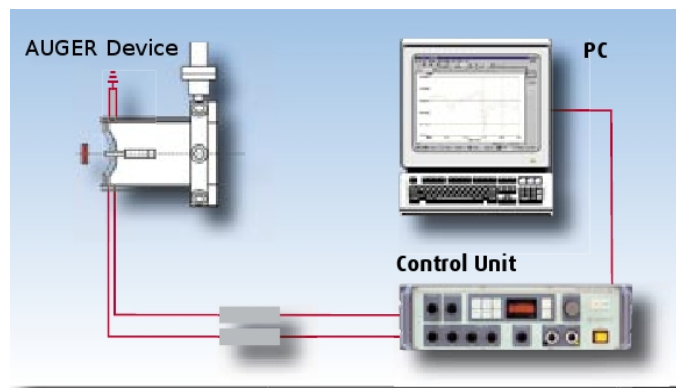
**Place:** Institute of Physics, Solid Surface Analysis Group. Reichenhainer Strasse 70 Physik-Neubau. UHV STM laboratory. P K08

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**Time:** Twice a week.

**Job specification:** Develop the spectroscopy data acquisition application for Windows (XP) platform for the Omicron GmbH, LEED/AES hardware.



**Technical approach:** instrumental functions and routines from LabView, VB or C++ software development kits.

**Remark:** the topic is most appropriate for the master students in computational science.