

Development of WBPM Controller and Electrometer:

A dedicated trans-impedance amplifier based electrometer was designed, developed and deployed at Dispersive EXAFS beamline (BL-08), Indus-2 SRS. Performance testing of the developed system was carried with precision source as well as the SR beam at BL-08. The percentage error in the electrometer was observed to be $< 0.4\%$ and the positional resolution of Wire Beam Position Monitors was improved from $450\ \mu\text{m}$ to $\sim 125\ \mu\text{m}$ with the current development.

