

Electron Beam Diagnostics for the Swiss Light Source, V. SCHLOTT, R. URSIC, PSI - The Swiss Light Source (SLS) is a dedicated high brightness, low emittance synchrotron light source presently under construction at the Paul Scherrer Institute (PSI) in Villigen. Electron beam diagnostics will play a very important role in meeting the design parameters and in insuring reliable operation conditions. This paper gives an overview of all the diagnostic elements planned for the SLS, including current related measurements, beam position monitors and optical techniques.