Dr Mihail Ionescu

Ion Beam Accelerators Group
Australian Nuclear Science & Technology Organisation (ANSTO), Sydney
mio@ansto.gov.au

**Ion Beam Modification and Characterization of Surfaces**

Ion beams of low (keV) and high (MeV) energies produced at ANSTO are used for a variety of purposes, from the modification of surface properties, characterization of surfaces, thin films and interfaces, to the study of nuclear reactions. In this talk I will present a discussion of the current instrument base, the potential applications of the ion beams available, and a forecast of the future developments expected at ANSTO.