

Status of SPring-8

Tatzuo Ueki

The Institute of Physical and Chemical Research, SPring-8, RIKEN, 2-1 Hirosawa, Wako-shi, Saitama, Japan

The SPring-8 (Super Photon ring-8 GeV) Project is the synchrotron radiation facility program to construct a third-generation storage ring of 8 GeV in Harima Science Garden City, Hyogo, Japan. The parameters are: energy of 8 GeV, ring current of 100 mA, and emittance of 5.6 nm rad. The storage ring, which carries 38 straight sections to install insertion devices, will be commissioning in February 1997. Out of 61 beamlines, more than 30 are for beamlines of public use. At present, ten public beamlines are under construction as follows.

Beamlines with IDs: biocrystallography, nuclear resonant scattering, Compton scattering, magnetic scattering, high pressure research, soft x-ray spectroscopy of solids, soft x-ray photochemistry and CVD,

Beamlines with BM sources: crystallography, high temperature research, XAFS.

There are also several beamlines under construction by The Japan Atomic Energy Research Institute and The Institute of Physical and Chemical Research (RIKEN). These beamlines will be for use starting October 1997.