

Construction Progress and Future Research Opportunities of the Taiwan Photon Source

Shih-Lin Chang

*National Synchrotron Radiation Research Center
101 Hsin-Ann Road, Hsinchu Science Park, Hsinchu, 30076 Taiwan, R.O.C.*

The status of the 3 GeV Taiwan Photon Source (TPS) currently under construction for the establishment of a high brightness and low emittance mid-energy storage ring will be presented. The progress on the civil construction, manufacturing of machine components, as well as the opportunity of using low emittance synchrotron source and phase I beamlines at TPS will be mentioned. The future planning of phase II beamlines and related research will be sketched. Future developments will be also briefly outlined.