**Pulse generator, septum and kicker for injection and extraction**

Jinhui Chen

The types of all inj./ext. components for CEPC are determined. The hardware designs towards TDR are being carried out. One team is in charge of both HEPS and CEPC inj. & ext. system. A part of hardware R&D for 2 projects are overlapping. The Lambertson septa prototypes for HEPS are in assembling phase. The slotted-pipe kicker prototype has completed. The pulser full-power prototype is in assembling process. R&D of delay-line kicker including ceramic chamber has started.