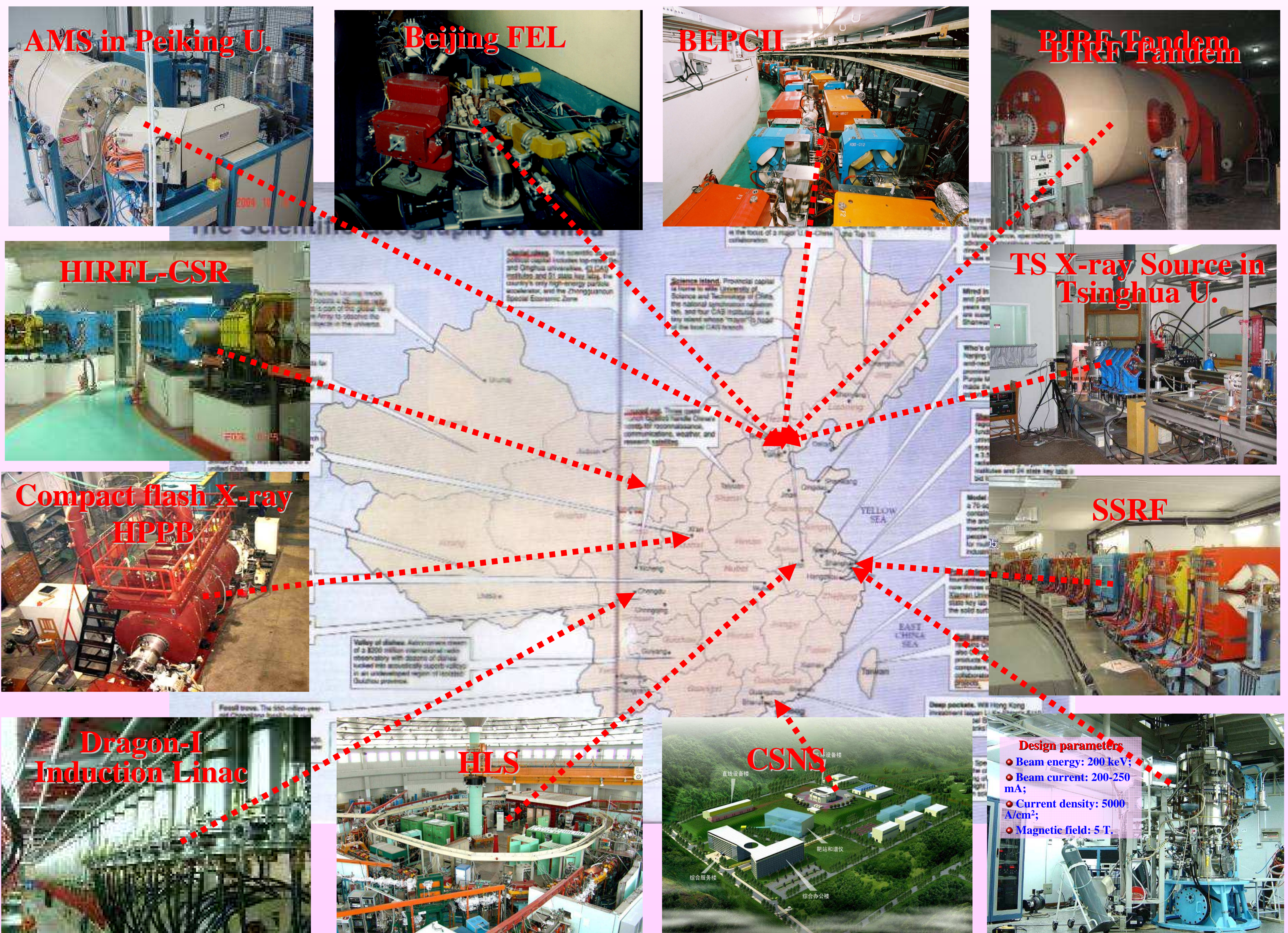


# Particle Accelerators in China

Particle Accelerator Branch, Chinese Physics Society  
The China Association for Science and Technology  
P.O. Box 918, Beijing 100049, China

In China, there are Beijing Electron-Positron Collider (BEPC) and its major upgrade BEPCII for charm and  $\tau$  physics research; Heavy Ion Research Facility in Lanzhou (HIRFL) and its Cooling Storage Ring (HIRFL-CSR), and Beijing Radioactive Ion Facility (BIRF) for nuclear physics research; Beijing Synchrotron Radiation Facility (BSRF), Hefei Light Source (HLS), Shanghai Synchrotron Radiation Facility (SSRF) and China Spallation Neutron Source (CSNS) for researches of atomic and molecular scale. In the meantime, numbers of low energy accelerators have been constructed and applied in scientific research, irradiation, medicine and nondestructive testing. International collaboration in accelerator field is actively promoted.



### Accelerator for Irradiation

- More than 100 industrial irradiation accelerators above 5kW in operation
- More than 20 new production lines have been constructed since 2005.
- Widely applied in various parts of industry.



### New Technology



### Non-Destructive Testing: Cargo Inspection Systems

