

## High Energy Photon Source (HEPS)

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China's **High Energy Photon Source (HEPS)**, set to be the first **4th generation synchrotron light** source in Asia, is nearing operational status.



[ref-institute of high energy physics]

### **About the High Energy Photon Source (HEPS):**

- HEPS (High Energy Photon Source) is a **high-energy synchrotron light source**, employs an array of magnets known as the "**multi-bend achromat lattice**" to produce **narrower and brighter X-ray beams** than previous generations.
- This facility will enhance research into the microstructure of materials, including their formation, evolution, and properties, covering dimensions of space, time, energy, molecules, atoms, electrons, and spin.