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## Overview of Hefei Advanced Light Facility

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Hefei Advanced Light Facility (HALF) is the diffraction-limited synchrotron light source that is under construction now in Hefei, China.

The storage ring energy is 2.2 GeV, and the natural emittance is about 86pm.rad. Half will be focusing on the sciences conducted with VUV, soft x-ray and tender x-ray. With its high brilliance and coherence, new techniques will be enabled. In this talk, I will introduce the basic layout of the accelerator, scientific consideration and 10 beamlines in the first phase, and technical innovations.

### I plan to submit also conference proceedings

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