



Contribution ID: 302 Contribution code: MOAI15

Type: **Invited Oral Presentation**

Construction Status of the SHINE Project

Monday 19 August 2024 12:20 (10 minutes)

SHINE is a high repetition rate X-ray FEL facility under construction in Shanghai, China. This facility is based on an 8 GeV CW superconducting linac and plans to build 3 X-ray FEL lines and 10 experimental stations in phase-I, covering the photon energy range of 0.4–25 keV. The groundbreaking of the SHINE project was made in April 2018, currently its constructions of civil engineering and utilities are close to completion, and manufactures of the components of the facility and installation of the superconducting linac system are in course. With the current construction schedule, SHINE user experiments are expected to start in 2027. The status of the project is presented.

Footnotes

Funding Agency

Primary author: ZHAO, Zhentang (Shanghai Synchrotron Radiation Facility)

Presenter: ZHAO, Zhentang (Shanghai Synchrotron Radiation Facility)

Session Classification: First Lasing, New FEL projects and Facility Reports

Track Classification: New FEL projects and Facility Reports