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Design, construction and operation of a surface-treatment platform for SHINE superconducting cavities

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The SHINE project requires more than 600 cavities for the superconducting Linac. These cavities are fabricated from both domestic and foreign companies. The cavities fabricated in domestic companies requires corresponding capacity of surface-treatment. In order to guarantee the production capacity, we are constructing a new surface-treatment platform near Shanghai for SHINE project. In this paper, the design, construction, commissioning and operation of this platform will be reported.

Footnotes

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Paper preparation format

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Asia

Primary author: CHEN, Jinfang (Shanghai Advanced Research Institute)

Presenter: CHEN, Jinfang (Shanghai Advanced Research Institute)

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