

8th High Power Targetry Workshop (HPTW2023)



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LBNF Target Status

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The pion production target for the Long Baseline Neutrino Facility is being designed and manufactured by the High Power Targets Group at Rutherford Appleton Laboratory UK as a contribution in kind. The design of the first prototype target has now been completed. This talk will give an overview of the design and prototyping work to date, and ongoing plans for manufacturing, commissioning, and operation. An extensive programme of irradiated material research is being carried out in parallel with the prototype target manufacture, in order to inform the design of future production targets.

Themes for the contribution

4 Target design, analysis, and validation of concepts:

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