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LANSCE Accelerator Modernisation Project Studies at LANL

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The team at LANL continues efforts for the LANSCE Accelerator Modernization. This paper summarizes the progress in developing of the proposed concept of the modernization, and the major technical challenges that are expected in this concept. Separate subsystems are designed on the conceptual level, and the computer models for beam dynamics simulations are established and presented here. The technical details of the proposed subsystems are presented in the conceptual form, and the limited analysis of alternatives is performed and described.

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Footnotes

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Yes

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