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Future Prospects of the J-PARC Hadron Experimental Facility

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The J-PARC Hadron Experimental Facility was established to investigate the origin and evolution of matter in the universe through experiments utilizing the world's most intense particle beams. Over the past decade, the facility has made significant advancements in particle and nuclear physics. To further expand its research scope and explore uncharted areas of physics, an extension of the Hadron Experimental Facility is currently under active discussion and planning. This presentation will highlight the achievements to date and the potential contributions of the extended facility to strangeness nuclear physics, hadron physics, and flavor physics.

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