

Directions in Hadron Physics (Experiment)

Saturday, 4 November 2023 11:40 (40 minutes)

The US Nuclear Physics community recently completed its Long Range Plan process. The US Nuclear Science Advisory Committee (NSAC), a federal advisory committee appointed jointly by the US Department of Energy, Office of Science, and Directorate for Mathematical and Physical Sciences, the US National Science Foundation, approved the 2023 Long Range Plan “A New Era of Discovery - 2023 Long Range Plan for Nuclear Science” on October 4, 2023. In this report, several fundamental questions in hadron physics have been identified. In this talk, I will discuss how these questions will be addressed in the coming decade and beyond both at existing facilities, and new facilities under construction including new detector(s) proposed for the existing facilities. Synergies with other subfields of nuclear physics, and physics in general will be touched upon as well.

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