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# Some aspects of deep learning frontier in THEP

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The application of deep learning techniques to theoretical particle physics has recently witnessed explosive growth, opening up exciting new avenues for exploration. The integration of deep learning into theoretical particle physics is still in its early stages, but it holds immense potential for future breakthroughs. As these techniques continue to evolve and become more sophisticated, we can expect even more remarkable discoveries in our quest to understand the fundamental nature of our universe. We would discuss some of the theoretical questions and explore these possibilities in this new paradigm.

## **Institution**

## **Designation**

## **Reference publication/preprint**

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