Contribution ID: **21** Type: **Poster Presentation**

From Theory to Reality: A Historical Approach to Detecting Gravitational Waves

This work aims, through a historical approach, to demonstrate the trajectory of the discovery of gravitational waves predicted by Albert Einstein over a century ago as part of his theory of general relativity.

We are exploring the path that led to the confirmation of these elusive waves, from their initial theoretical indications of existence in the 1910s to the construction of current detectors like Virgo and LIGO, which allow us direct observation of the phenomenon.

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Session Classification: Poster Presentation