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## The Gravitational Form Factor of the Pion and the Conformal Anomaly

*Wednesday, 19 June 2024 16:36 (1 minute)*

This poster examines the interplay between the conformal trace anomaly and the gravitational form factor of the pion within the framework of Quantum Chromodynamics (QCD). By focusing on the 1-loop calculation, we investigate the non-abelian TJJ three-point function and TJJJ four-point function. These calculations provide information on the contributions arising from the conformal trace anomaly to the gravitational form factors, providing insights into the underlying dynamics of the strong interactions.

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**Session Classification:** Poster session with snacks and coffee