

## Phenomenology 2023 Symposium



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# Anomaly Mediated Supersymmetry Breaking for Chiral Gauge Theories

Monday 8 May 2023 17:00 (15 minutes)

Anomaly Mediated Supersymmetry Breaking or AMSB is a promising new technique that allows one to use the solvability of SUSY chiral theories and translate that in a standard way into non-SUSY theories. I will discuss how this new method works and apply it to a certain set of chiral gauge theories with fields in the fundamental, antifundamental and antisymmetric representations. I find that this set of theories obtains a stable minima and passes many nontrivial checks such as t 't Hooft anomaly cancellation.

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