

# Theory Seminar

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## More SUSY-breaking vacua in massive SQCD

Anomalously small gaugino masses are a common feature of various models of direct gauge mediation. This problem is closely related to the vacuum structure of the theory. Unfortunately the ISS vacuum in SQCD is also affected by this problem. Nonetheless massive SQCD can have SUSY-breaking vacua which are qualitatively different from the ISS vacuum. In this talk we will focus on these vacua, which are meta-stable with respect to the ISS vacuum. It will be shown that the gaugino mass problem is properly addressed in these novel vacua. We will also comment on some properties of these vacua and construct an example model of gauge mediation.

