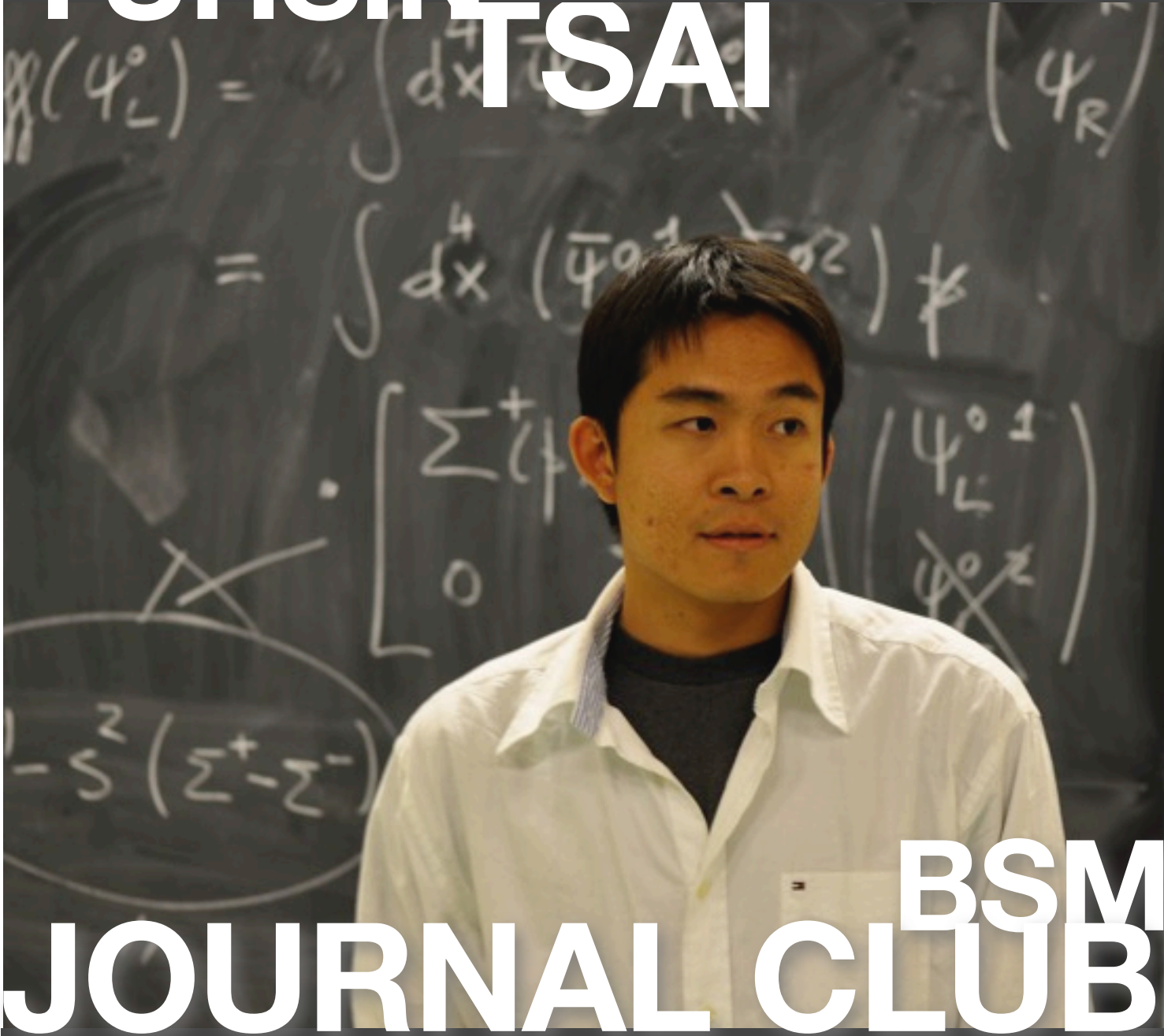


# YUHSIN TSAI



# JOURNAL CLUB

## Composite MSSM particles from dynamical SUSY breaking without messengers.

An appealing approach to gauge mediation is to have the strong dynamics that breaks SUSY also produce composite MSSM particles. In this kind of single sector DSB model, SUSY is broken from baryon runaways around the confinement scale. This generates composite degrees of freedom with interesting phenomenological applications, such as small Yukawa couplings and suppression of flavor-changing neutral currents. In this talk, we will discuss the pros and cons of the model and what can be done with it. The main material for the talk is the paper [hep-ph/9712389].

date

**11/09/09**

location

**NEWMAN 311**

time

**1:00-3:00 PM**

The LEPP theory group BSM Journal Club is a weekly discussion on recent topics in beyond the Standard Model physics. Topics alternate between pedagogy and recent papers. For more info, see our website.

Our webpage: [www.lepp.cornell.edu/~pt267/journal.html](http://www.lepp.cornell.edu/~pt267/journal.html)